

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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

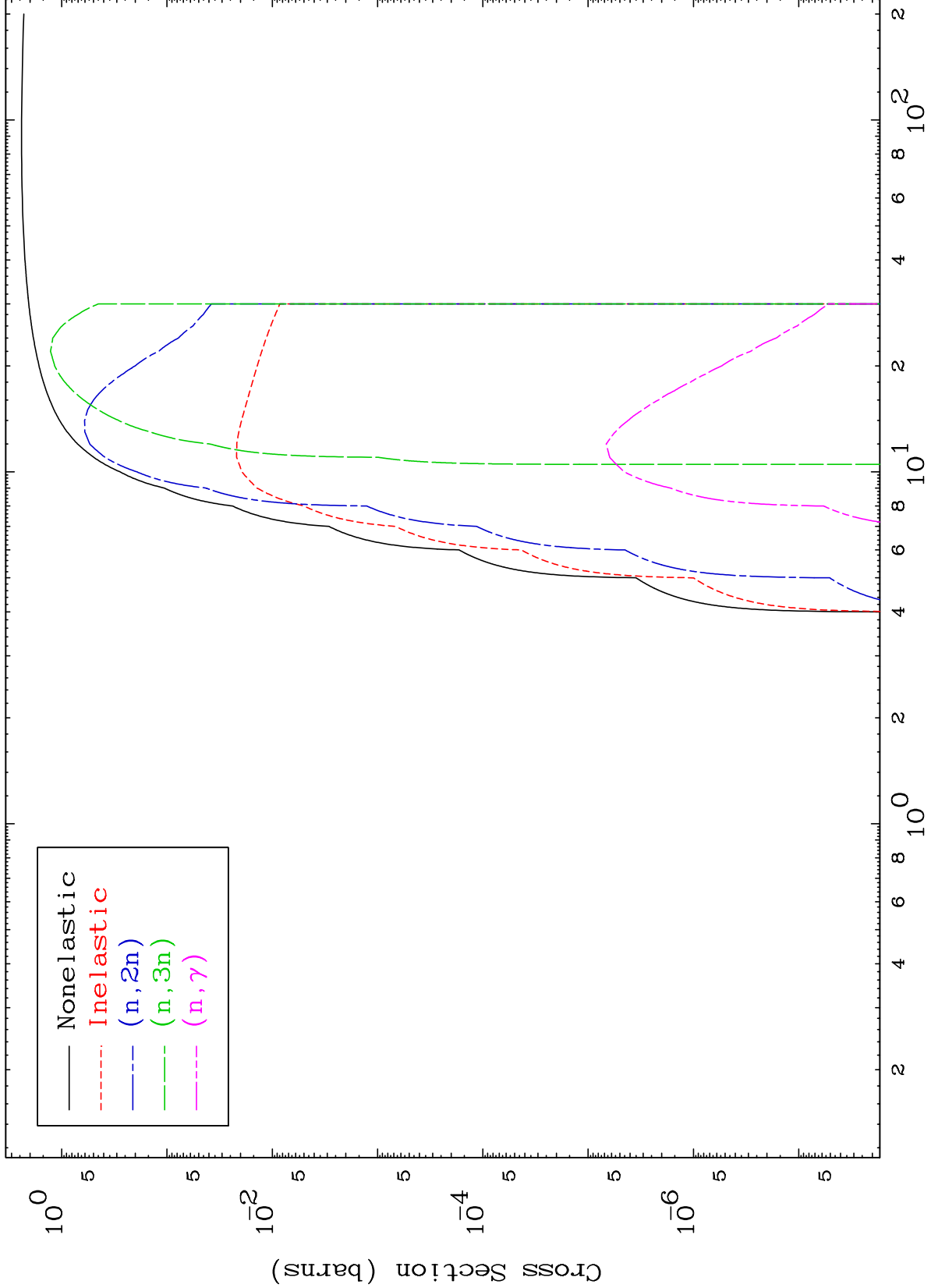
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

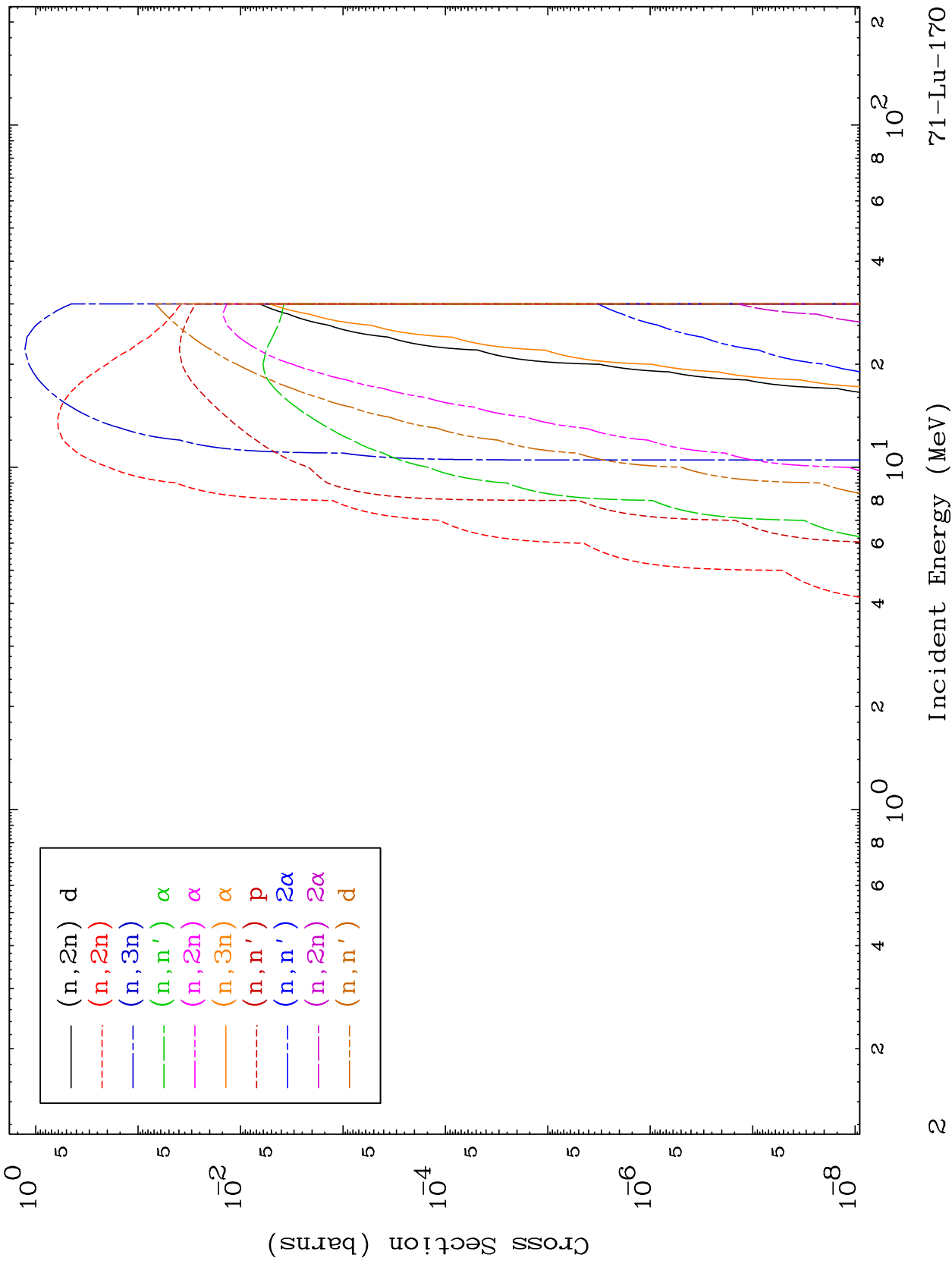
0 Kelvin Cross Sections



MAT 7110

Triton Neutron Absorption
0 Kelvin Cross Sections

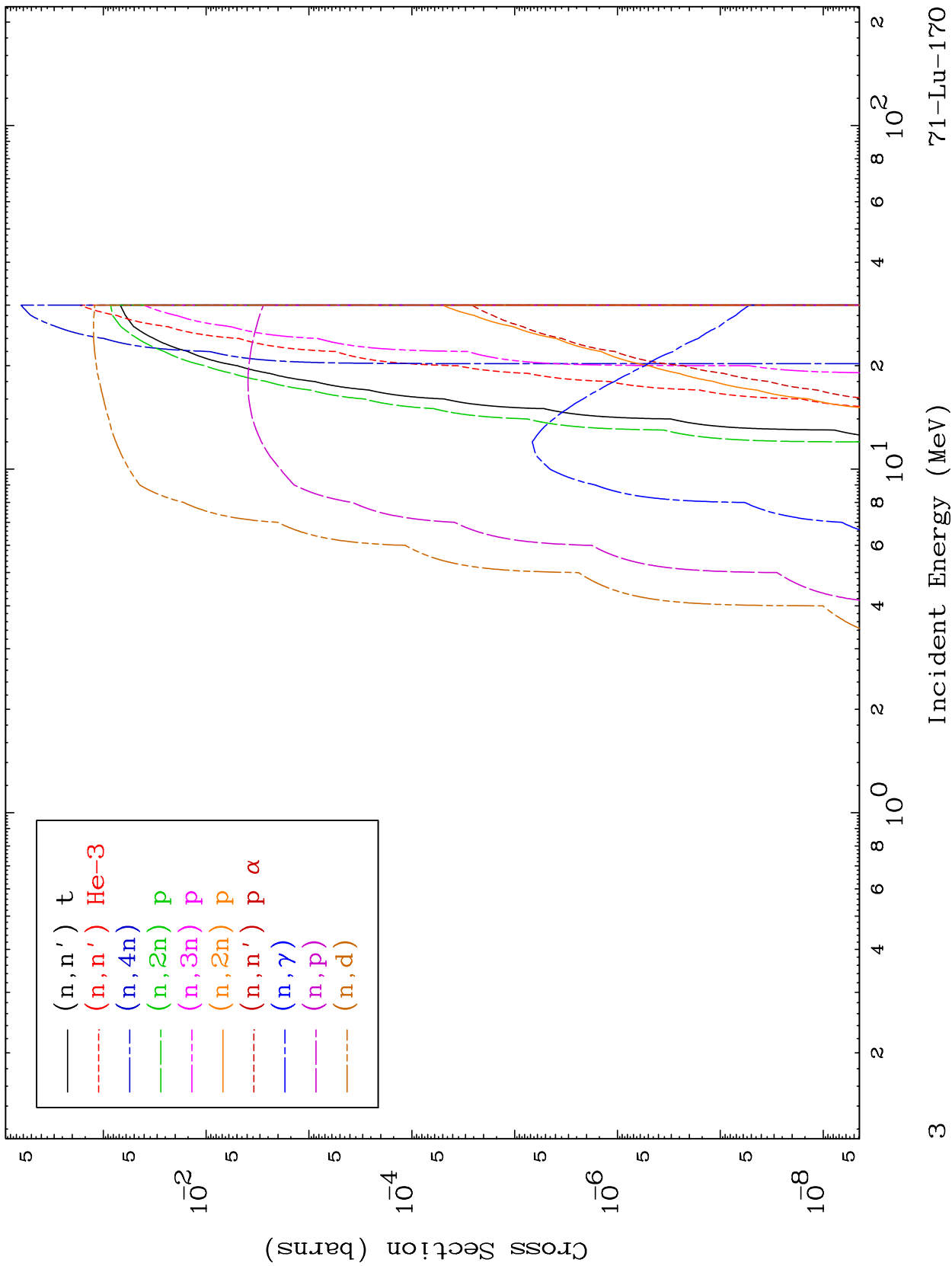
⁷¹Lu-170



MAT 7110

Triton Neutron Absorption
0 Kelvin Cross Sections

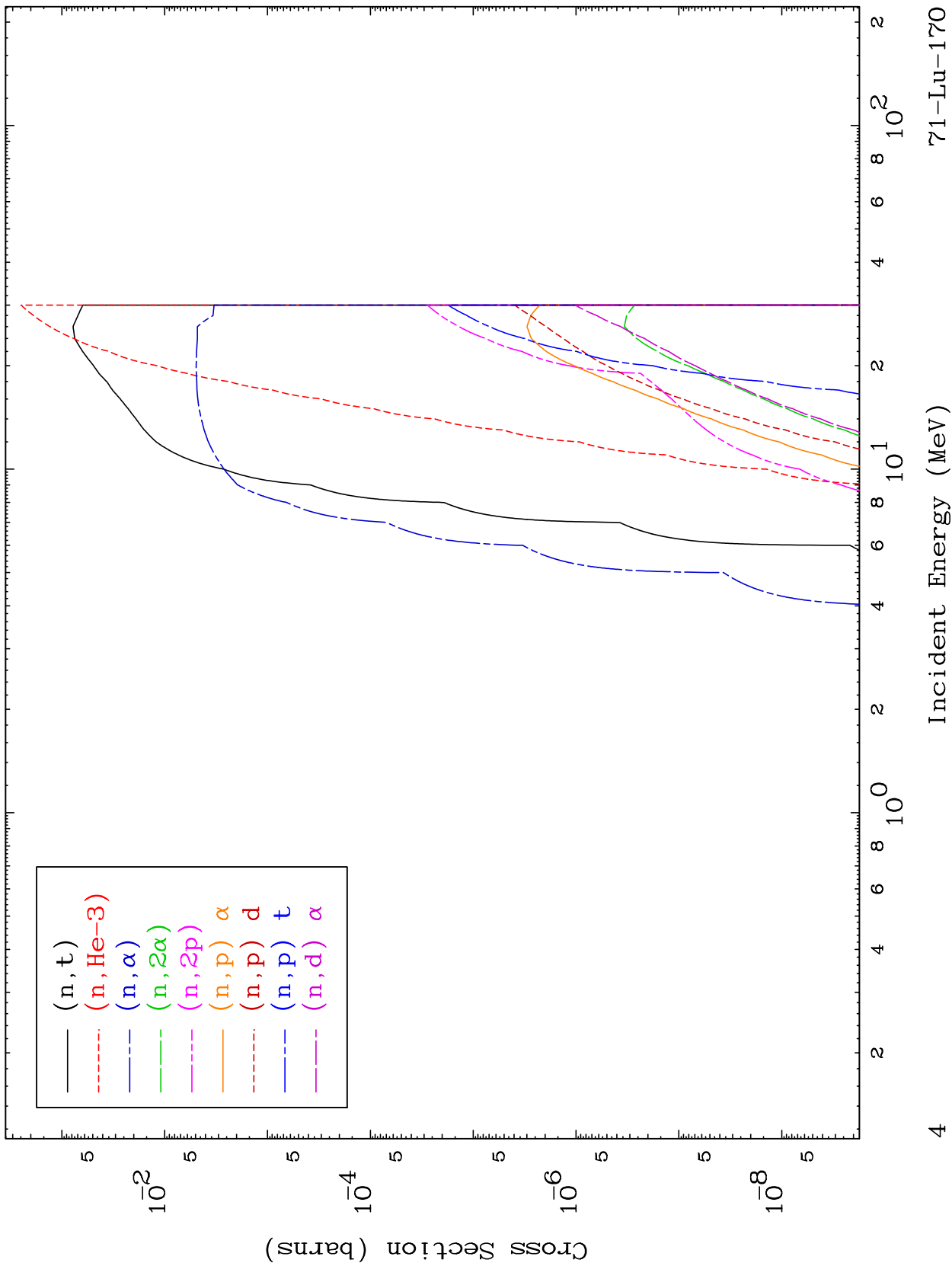
71-Lu-170



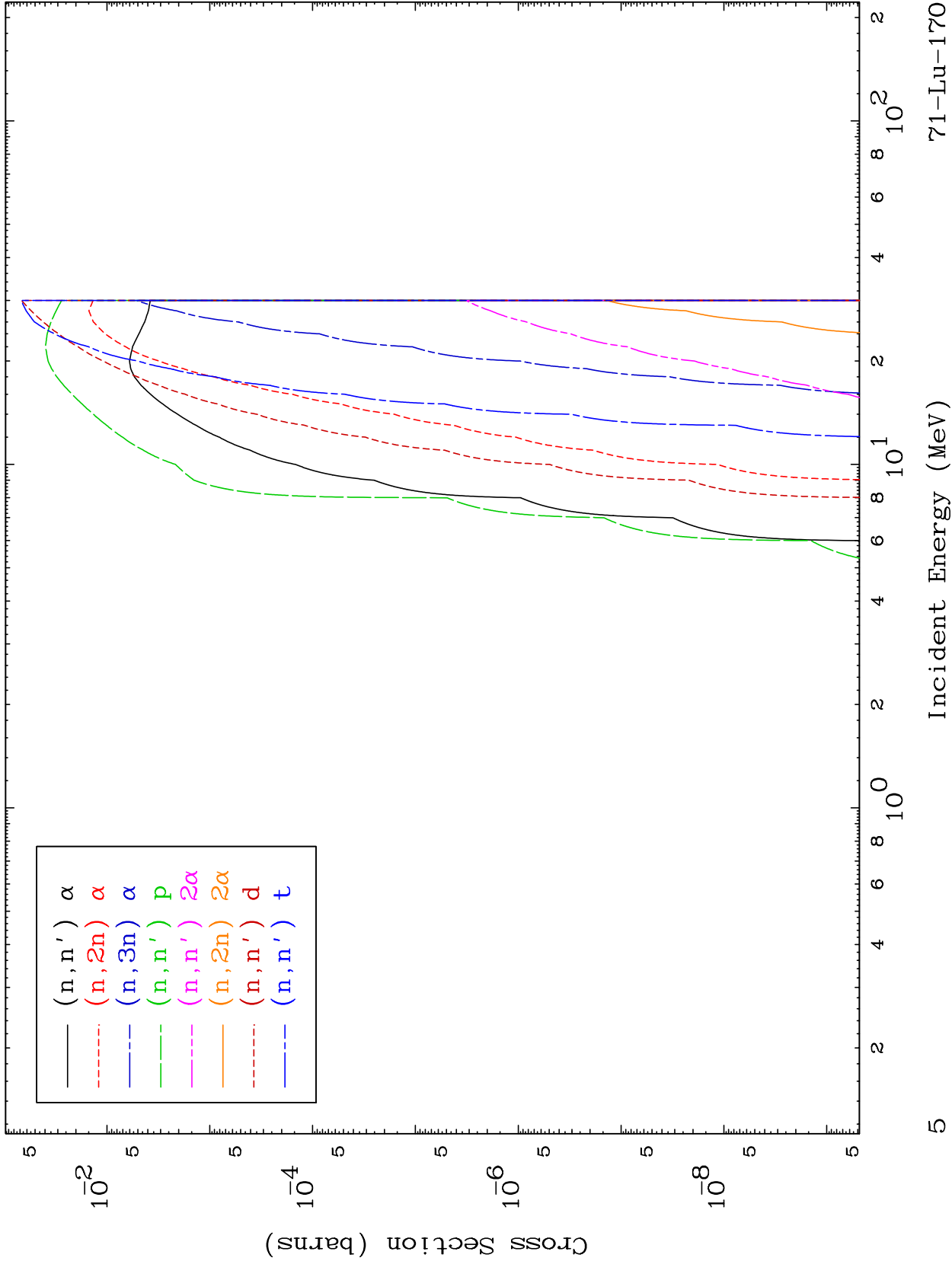
MAT 7110

Triton Neutron Absorption
0 Kelvin Cross Sections

71-Lu-170



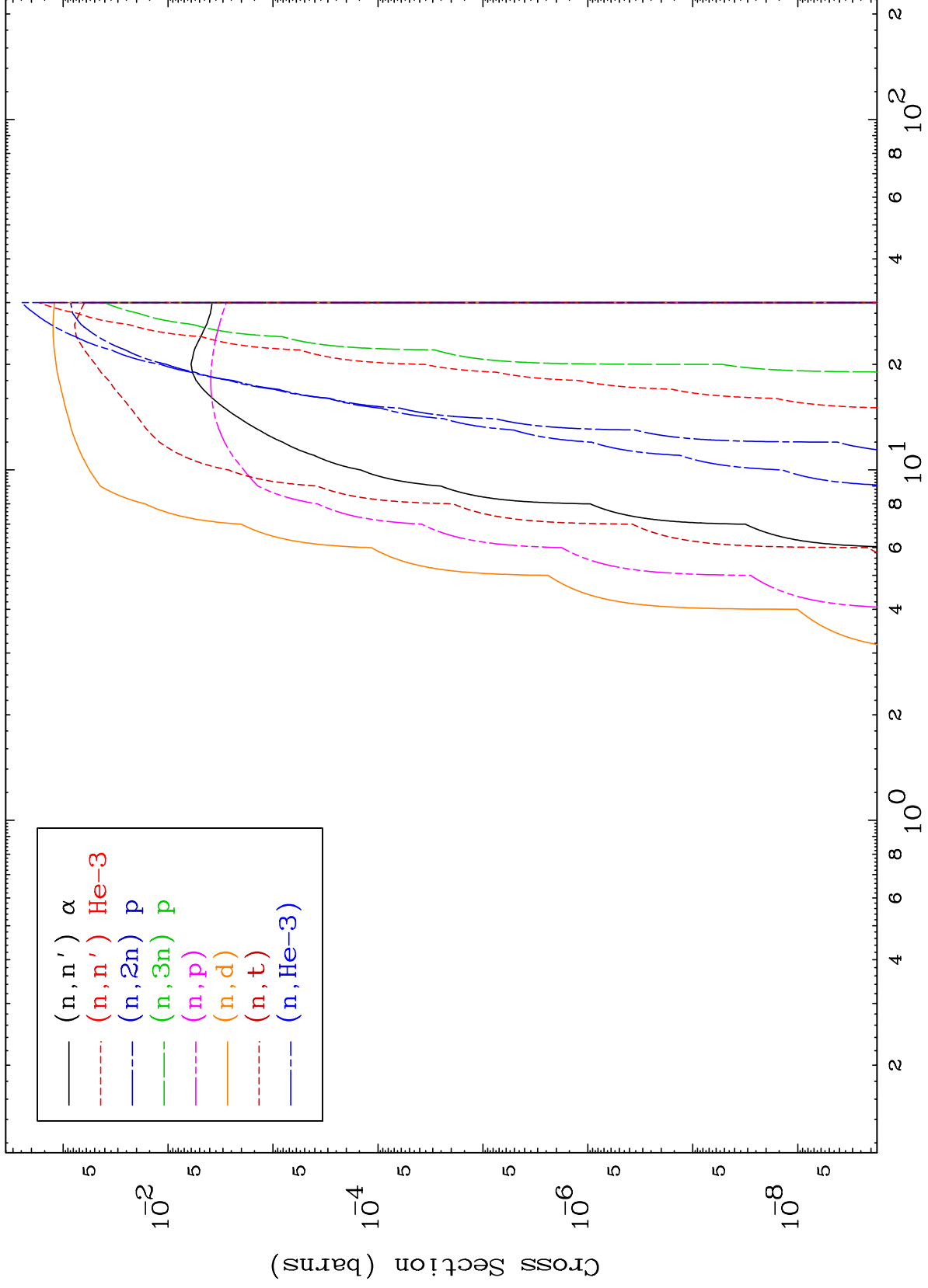
71-Lu-170



MAT 7110

Triton Charged Particle
0 Kelvin Cross Sections

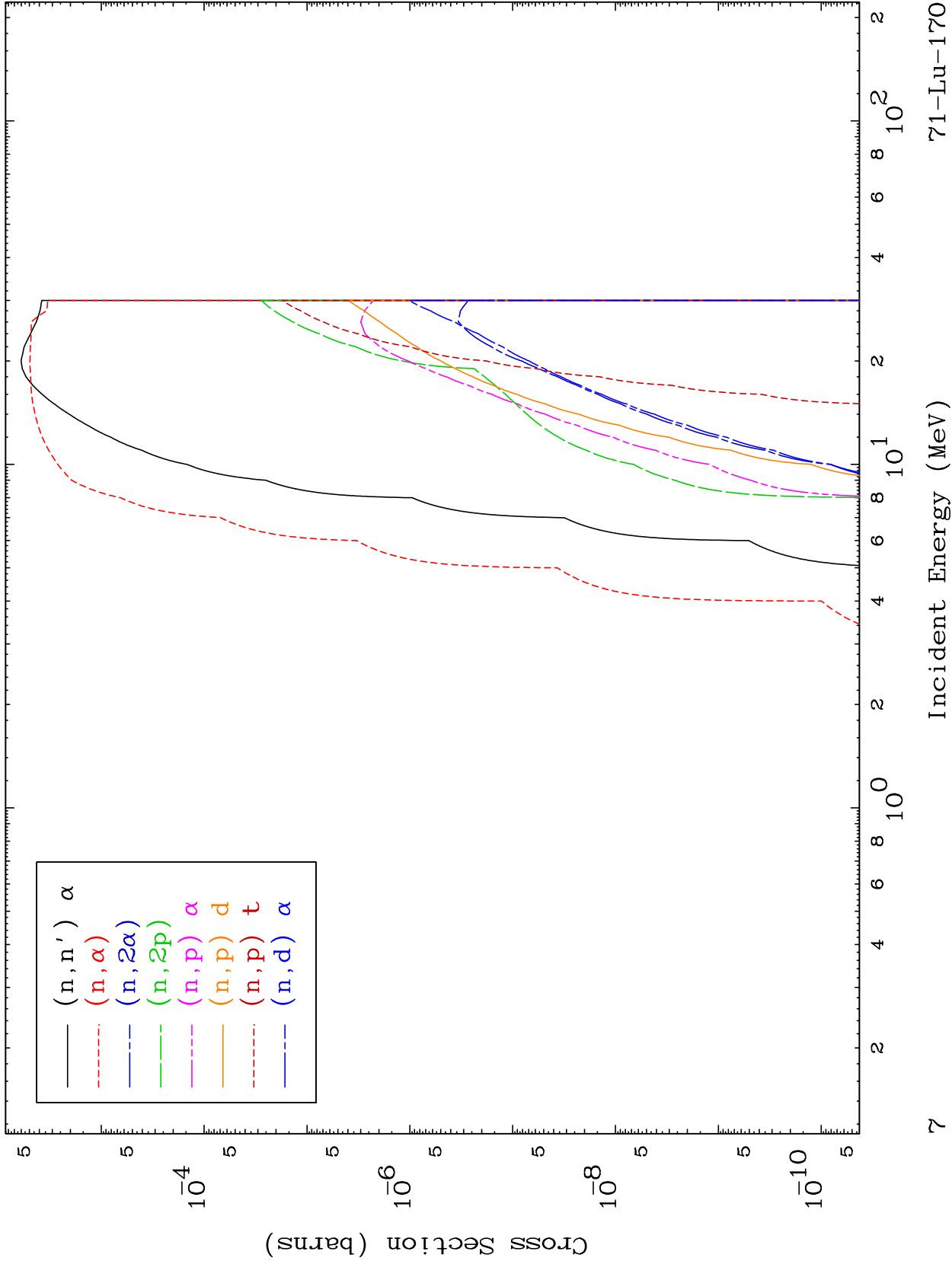
71-Lu-170



MAT 7110

Triton Charged Particle
0 Kelvin Cross Sections

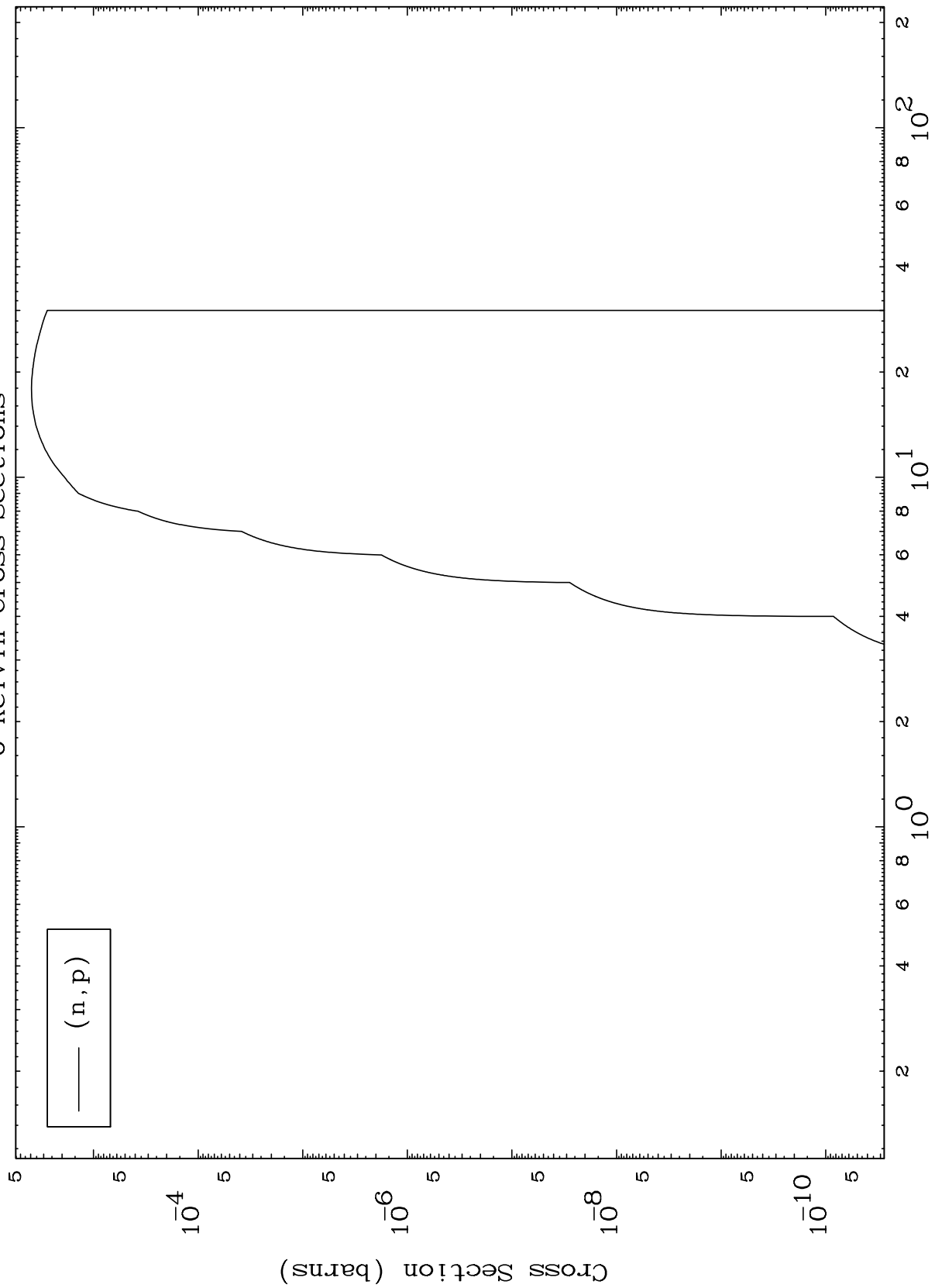
71-Lu-170



MAT 7110

71-Lu-170

(t,p) Levels
0 Kelvin Cross Sections

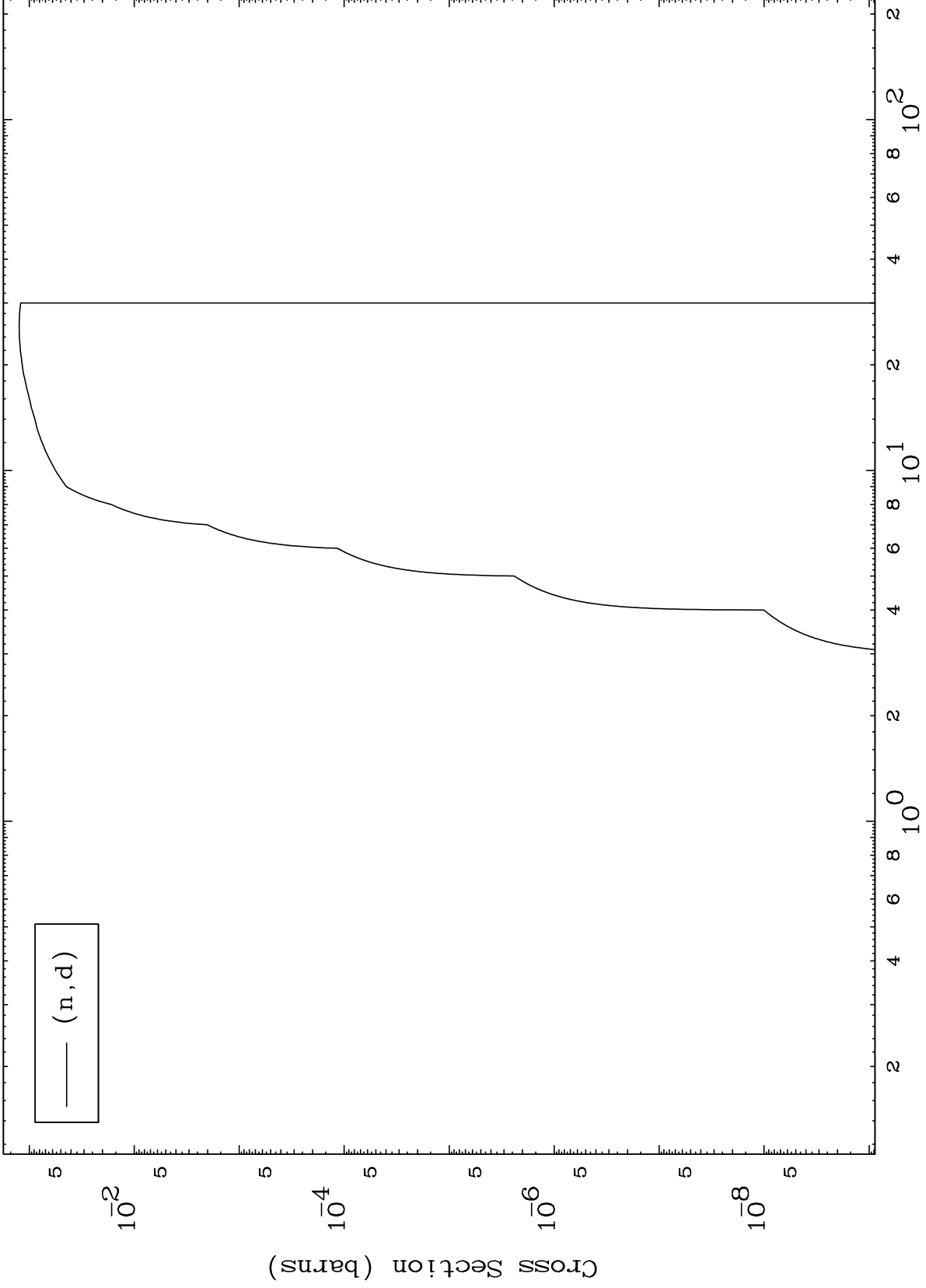


MAT 7110

(t, d) Levels

71-Lu-170

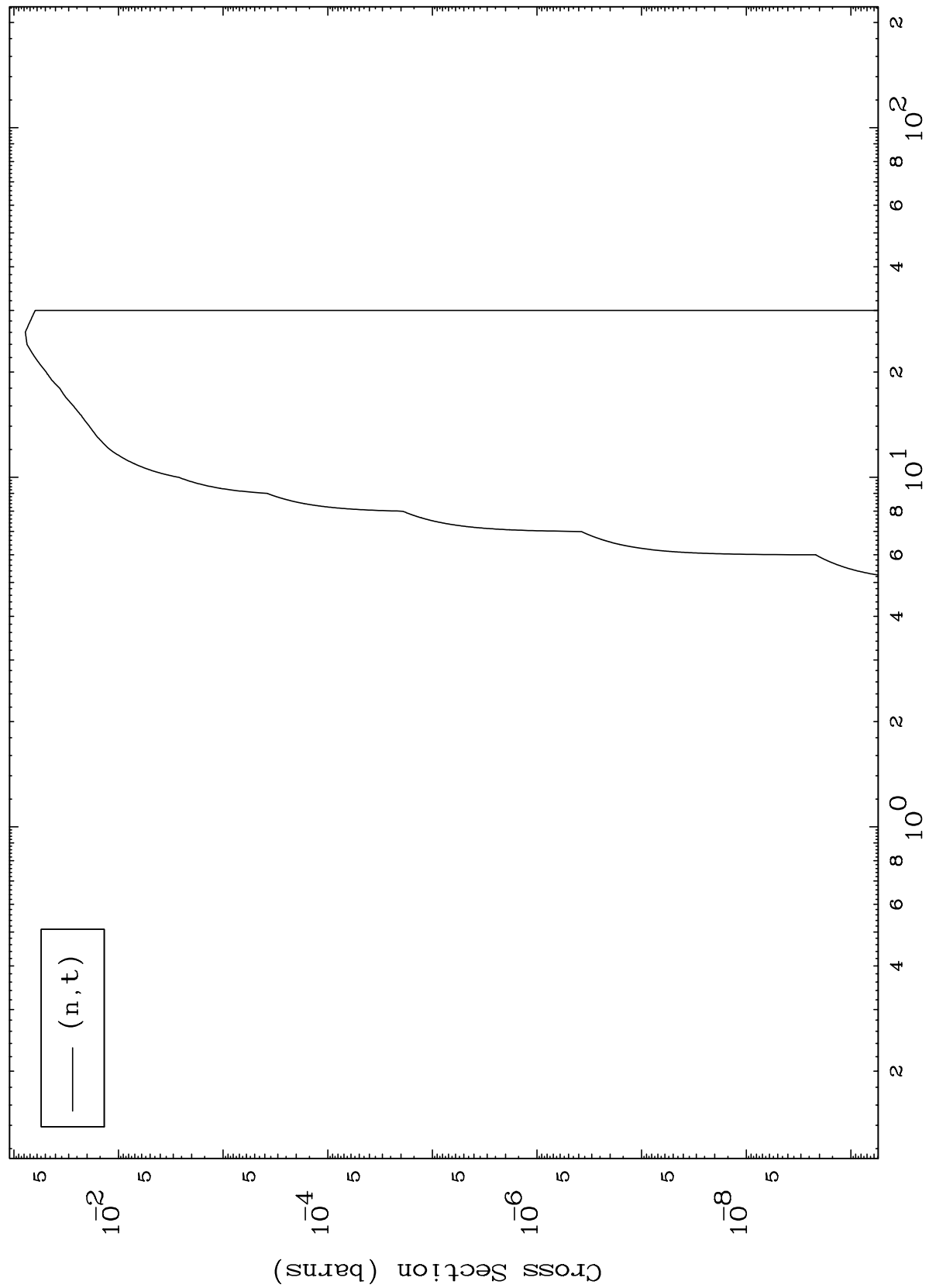
0 Kelvin Cross Sections



MAT 7110

71-Lu-170

(t,t) Levels
0 Kelvin Cross Sections



10

71-Lu-170

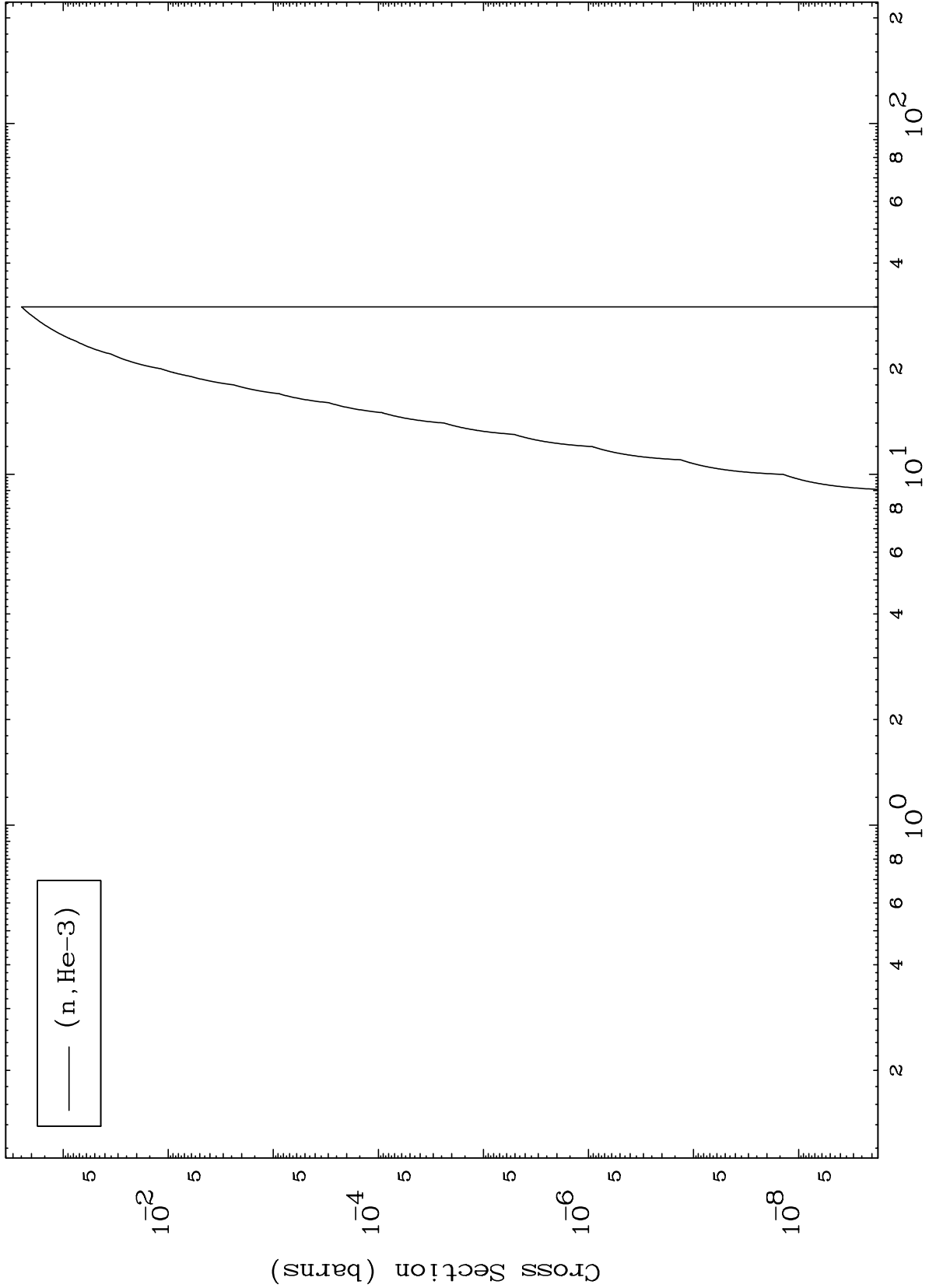
Incident Energy (MeV)

MAT 7110

(t,He3) Levels

71-Lu-170

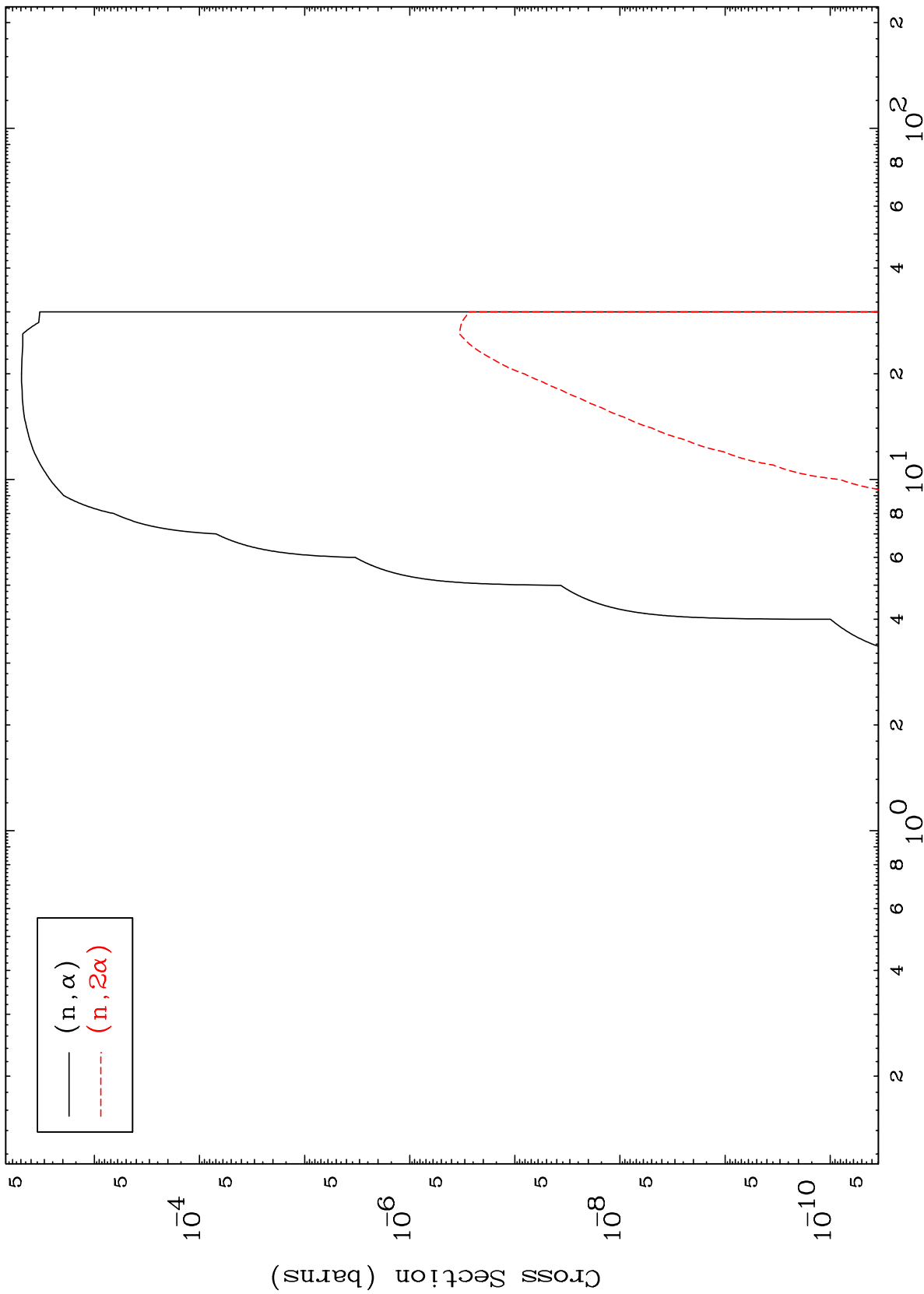
0 Kelvin Cross Sections



MAT 7110

71-Lu-170

(t, α) Levels
0 Kelvin Cross Sections



12

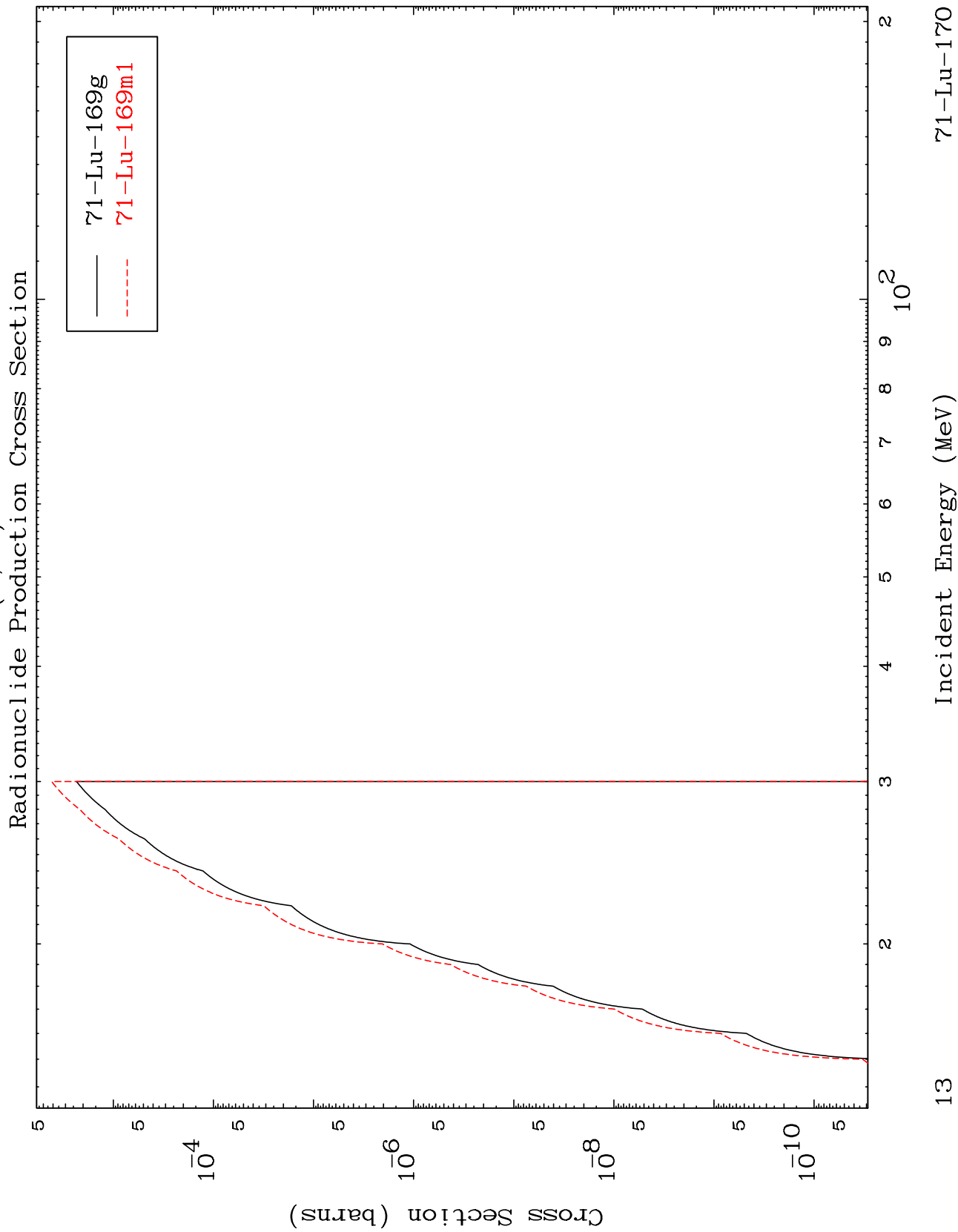
71-Lu-170

Incident Energy (MeV)

MAT 7110

(n,2n) d

71-Lu-170



13

Incident Energy (MeV)

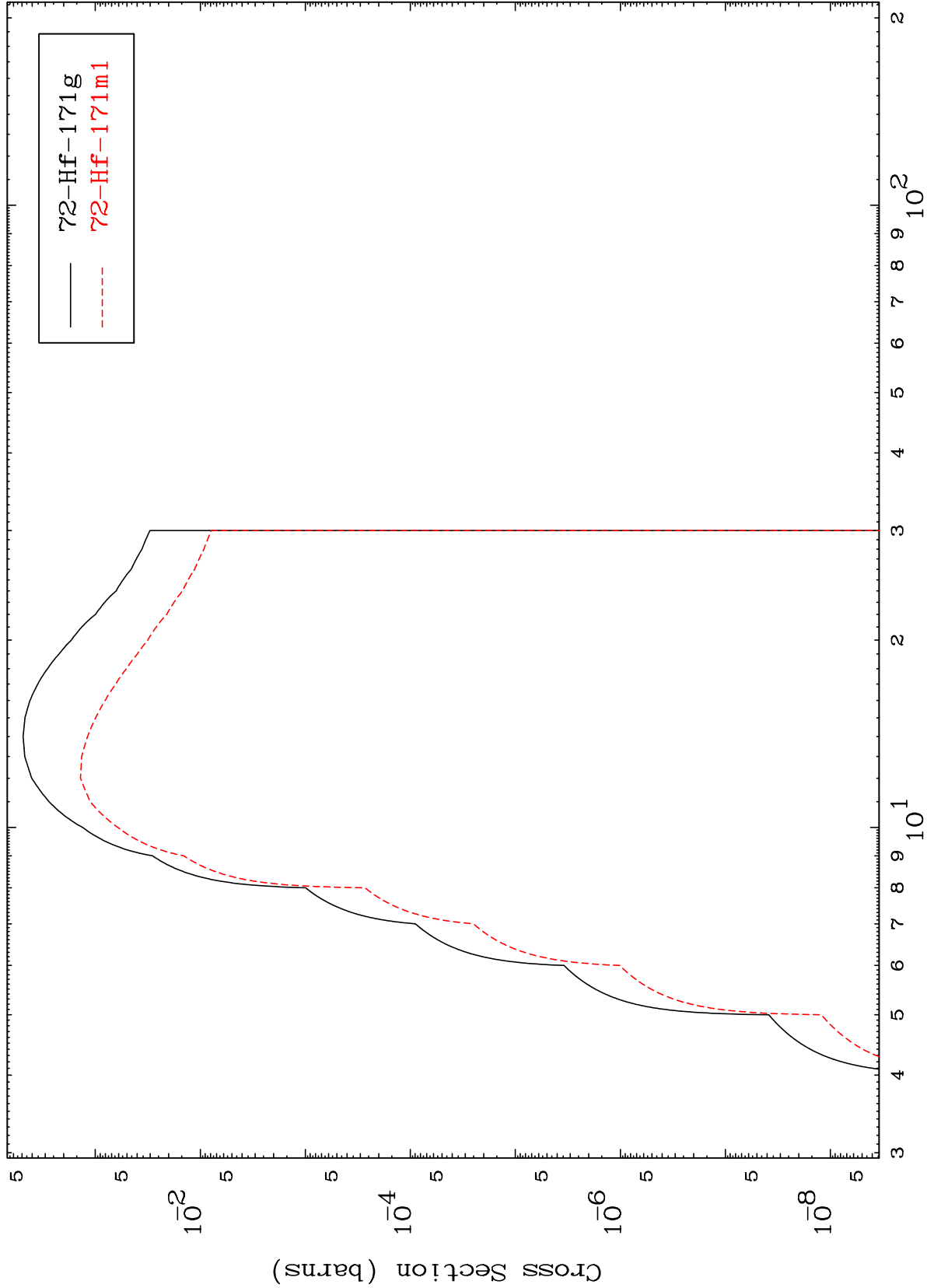
71-Lu-170

MAT 7110

(n,2n)

71-Lu-170

Radionuclide Production Cross Section



14

Incident Energy (MeV)

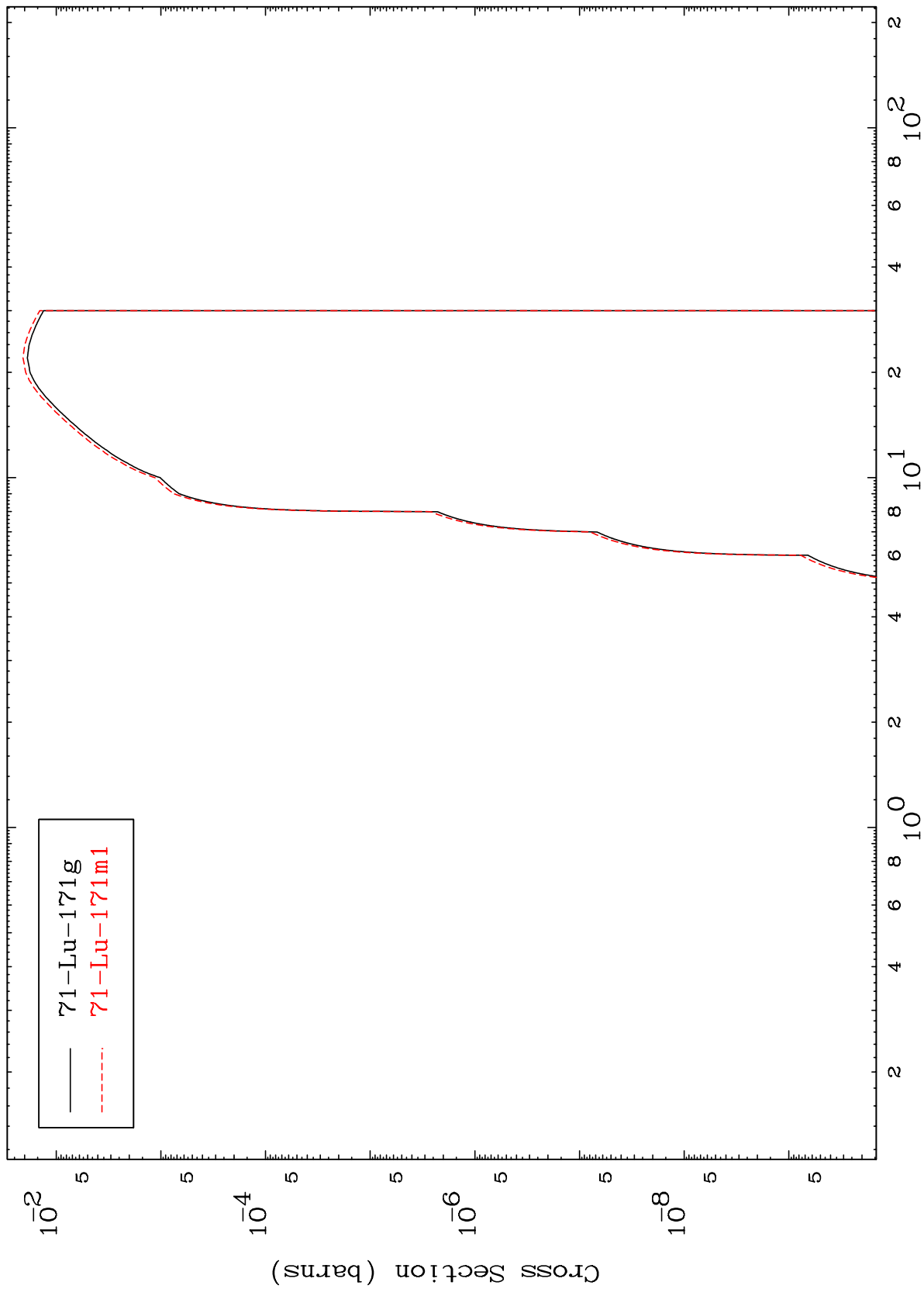
71-Lu-170

MAT 7110

(n,n') p

71-Lu-170

Radionuclide Production Cross Section

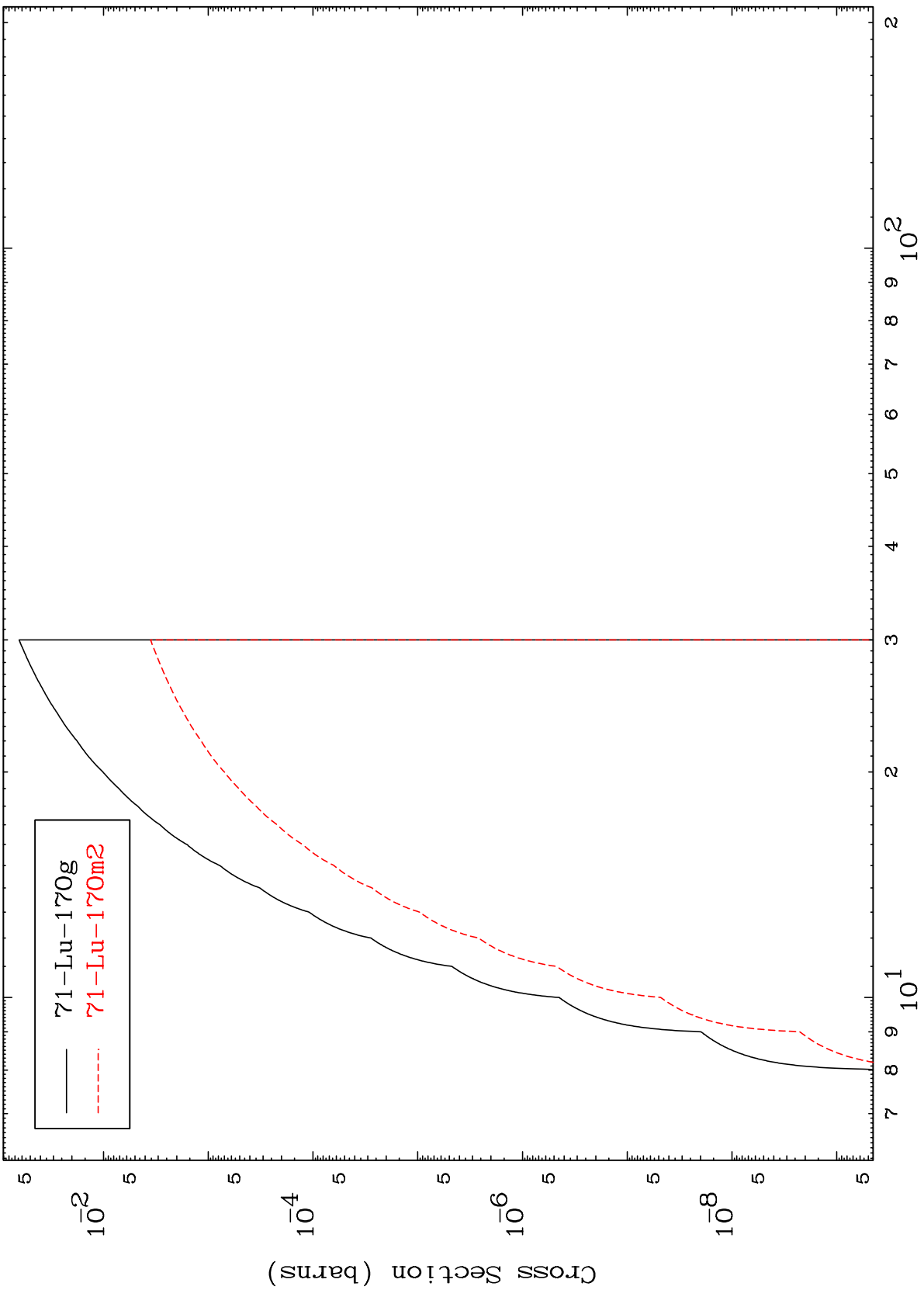


MAT 7110

(n,n') d

⁷¹Lu-170

Radionuclide Production Cross Section



16

Incident Energy (MeV)

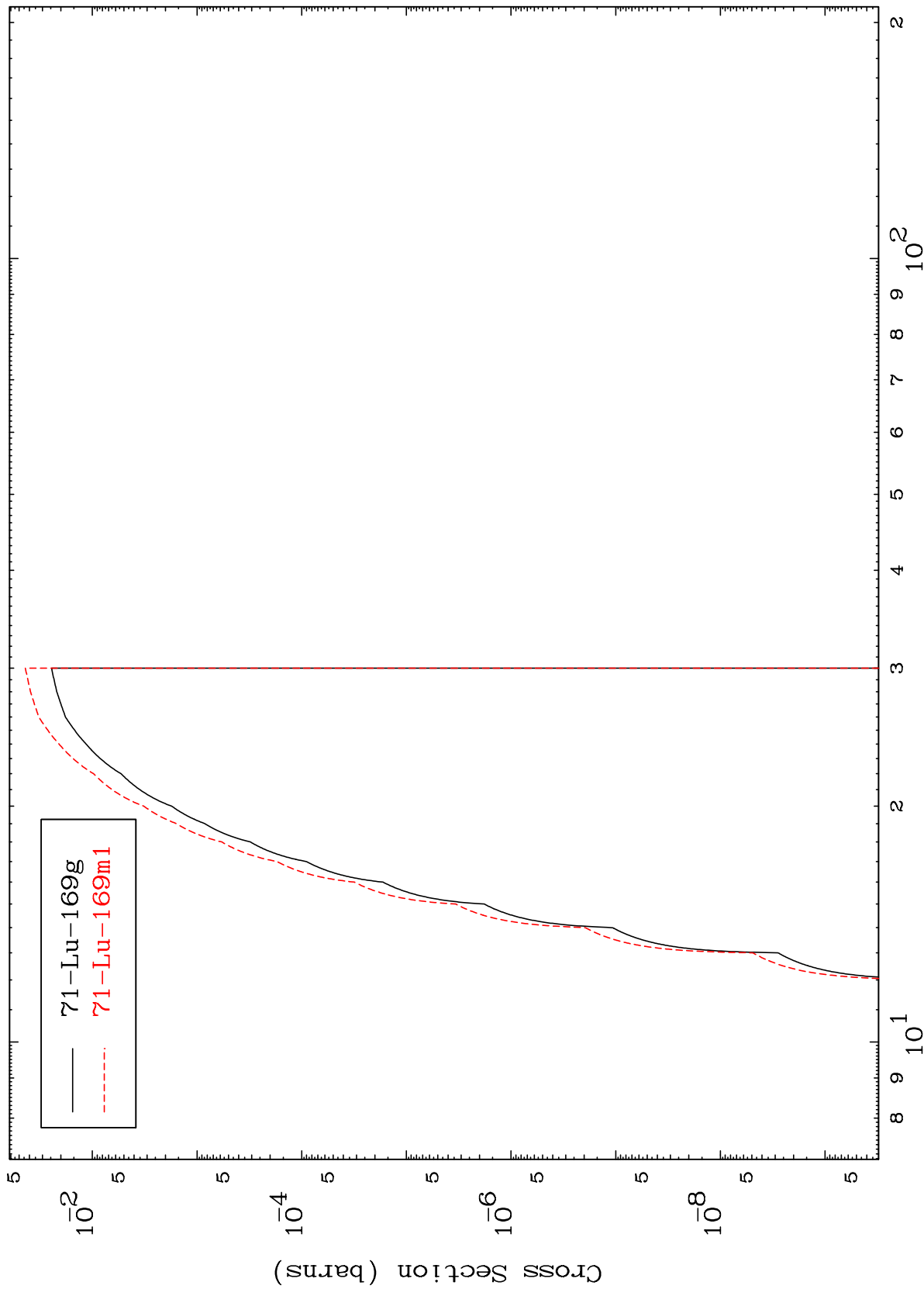
⁷¹Lu-170

MAT 7110

(n,n') t

⁷¹Lu-170

Radionuclide Production Cross Section



17

Incident Energy (MeV)

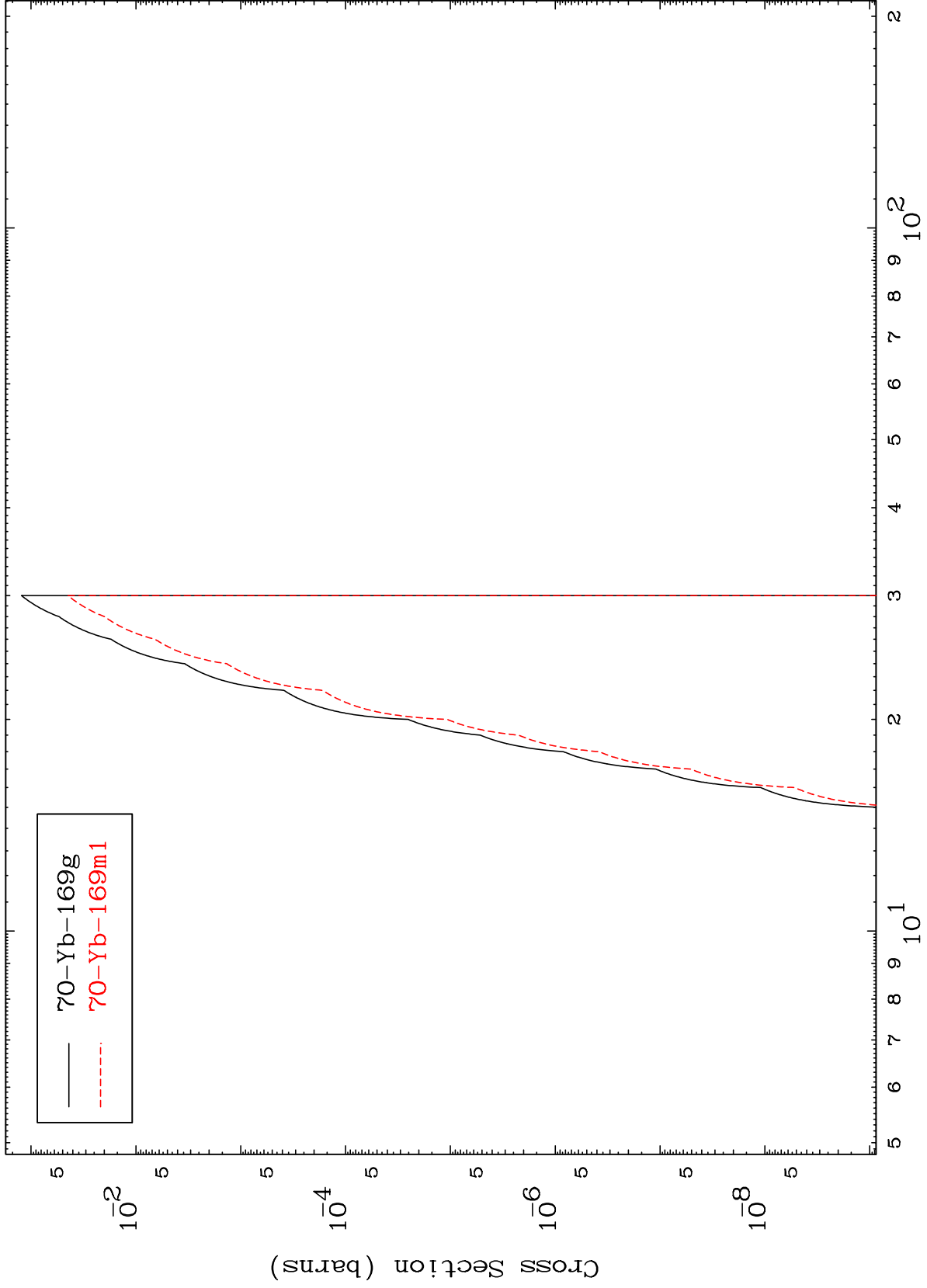
⁷¹Lu-170

MAT 7110

(n,n') He-3

71-Lu-170

Radionuclide Production Cross Section



18

Incident Energy (MeV)

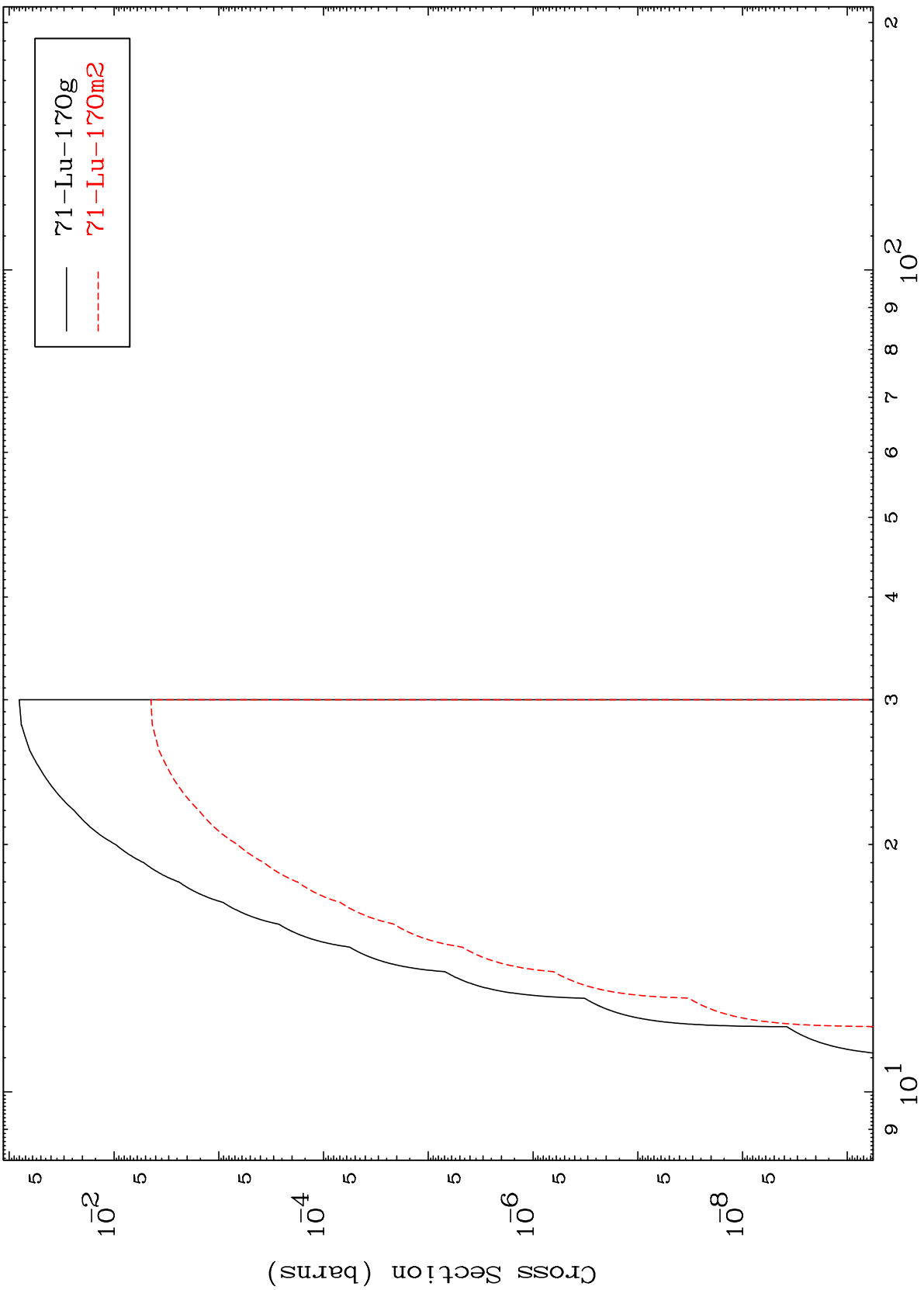
71-Lu-170

MAT 7110

(n,2n) p

⁷¹Lu-170

Radionuclide Production Cross Section



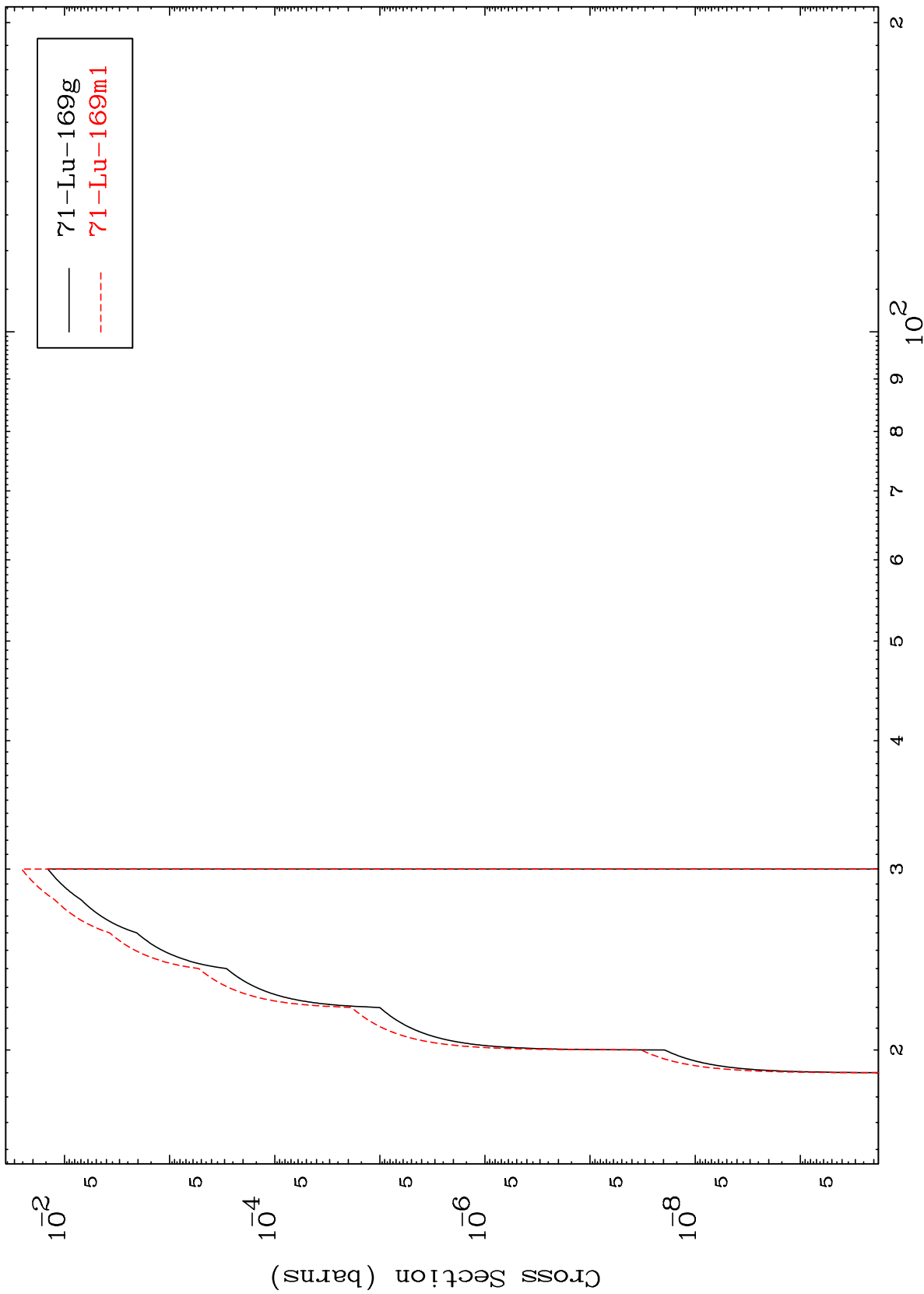
71Lu-170g
71Lu-170m2

19

Incident Energy (MeV)

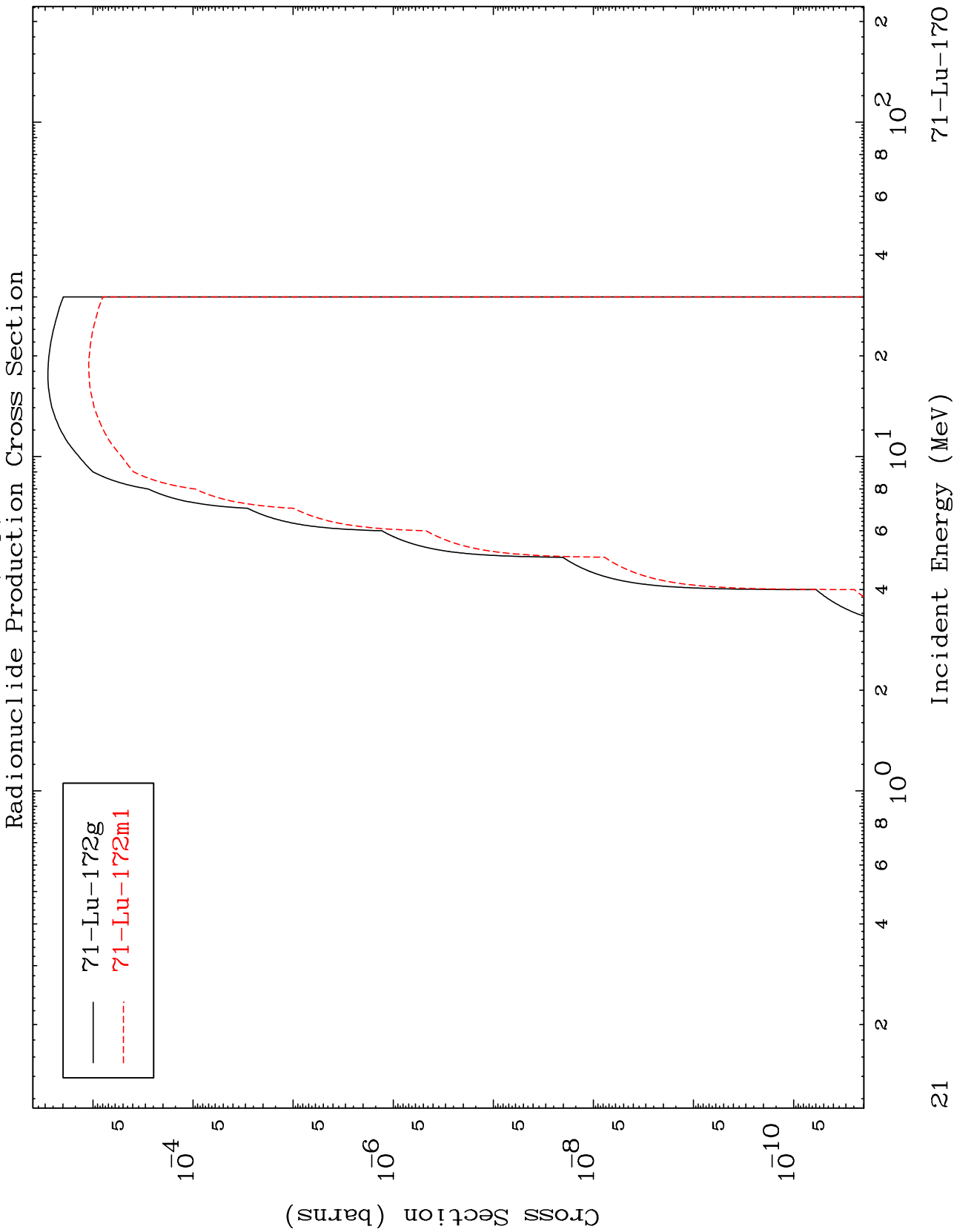
⁷¹Lu-170

Radionuclide Production Cross Section



MAT 7110

71-Lu-170



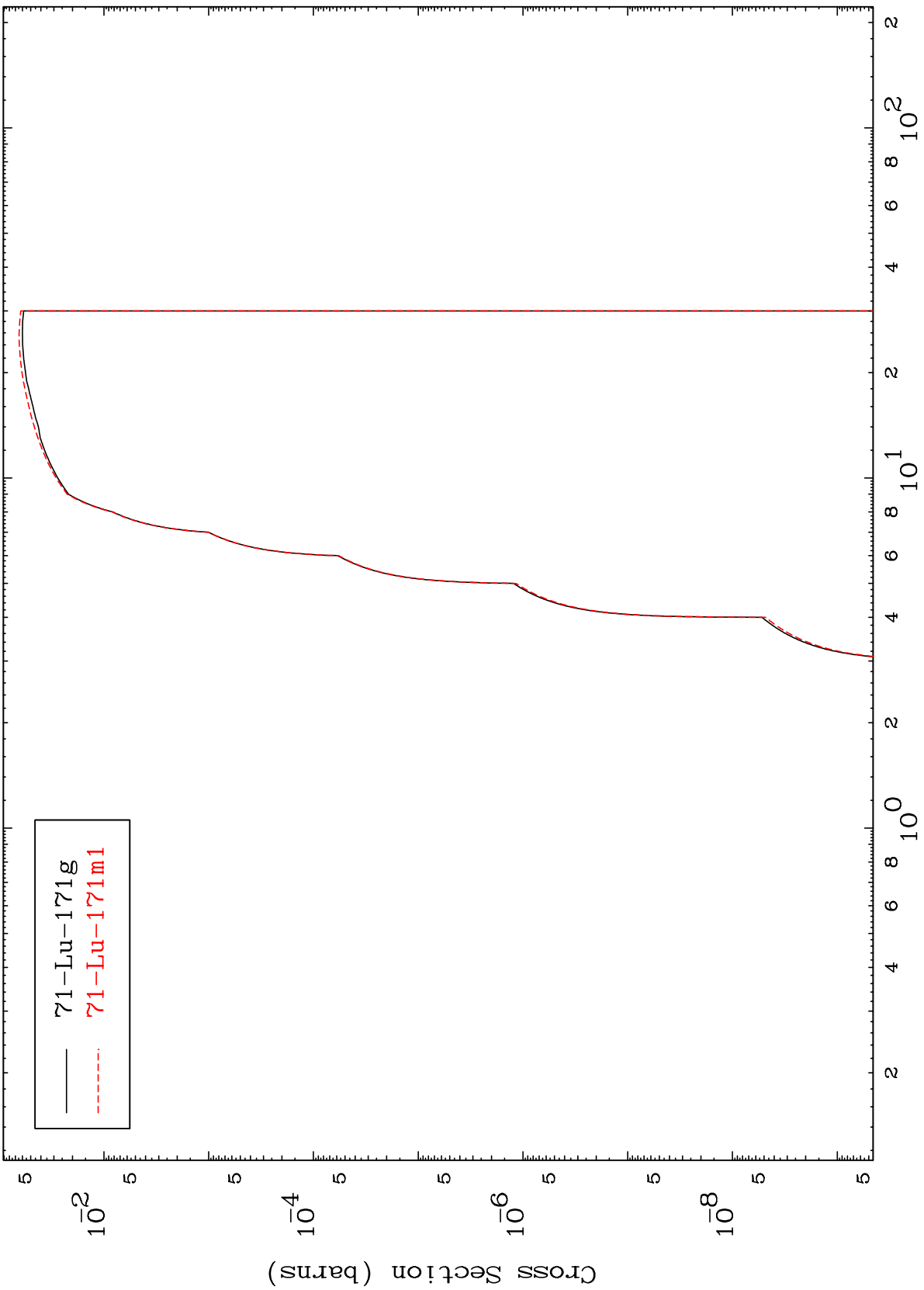
— 71-Lu-172g
- - - 71-Lu-172m1

MAT 7110

(n,d)

⁷¹Lu-170

Radionuclide Production Cross Section

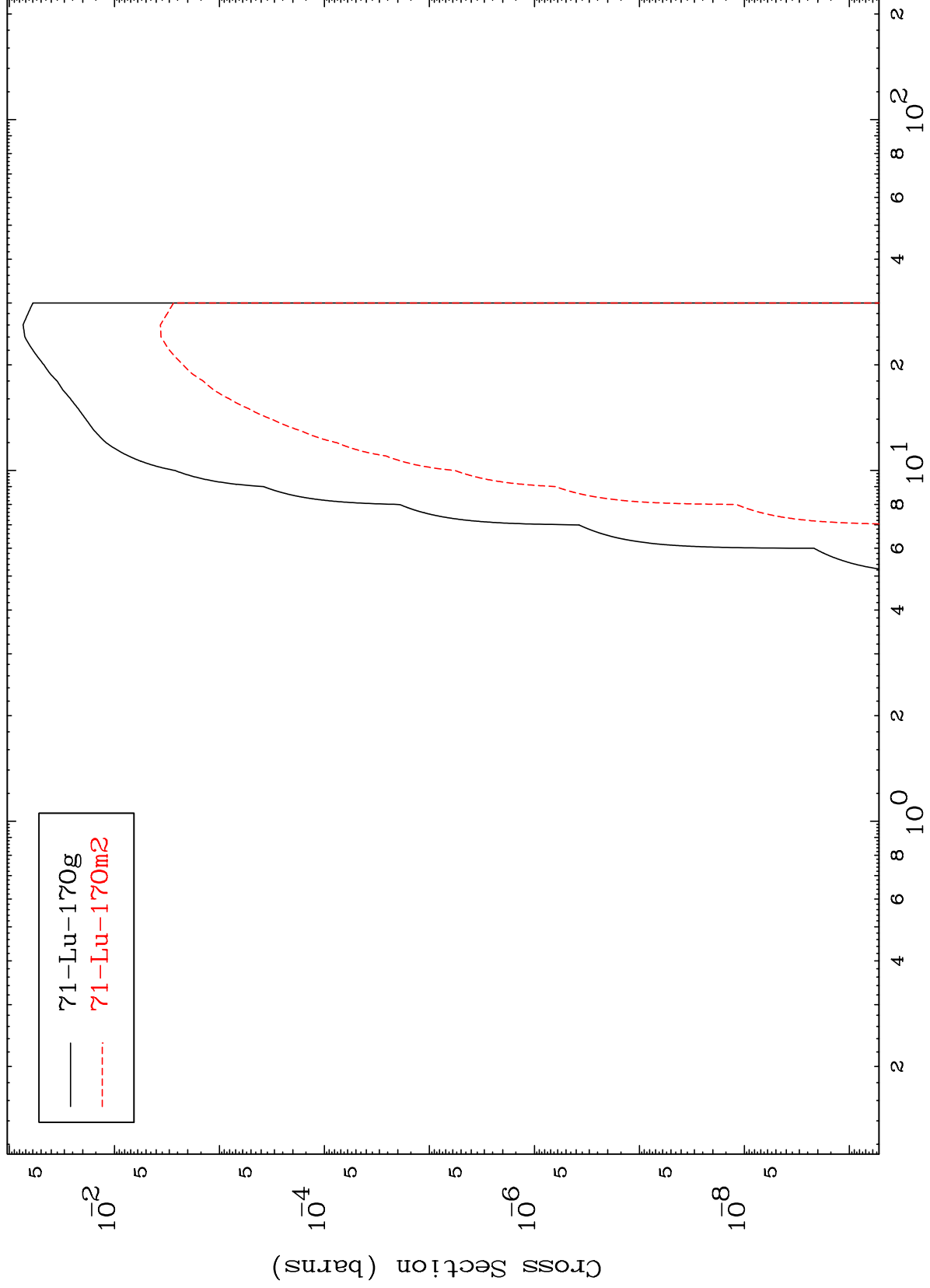


MAT 7110

(n, t)

⁷¹Lu-170

Radionuclide Production Cross Section



— ⁷¹Lu-170g
- - - ⁷¹Lu-170m2

Incident Energy (MeV)

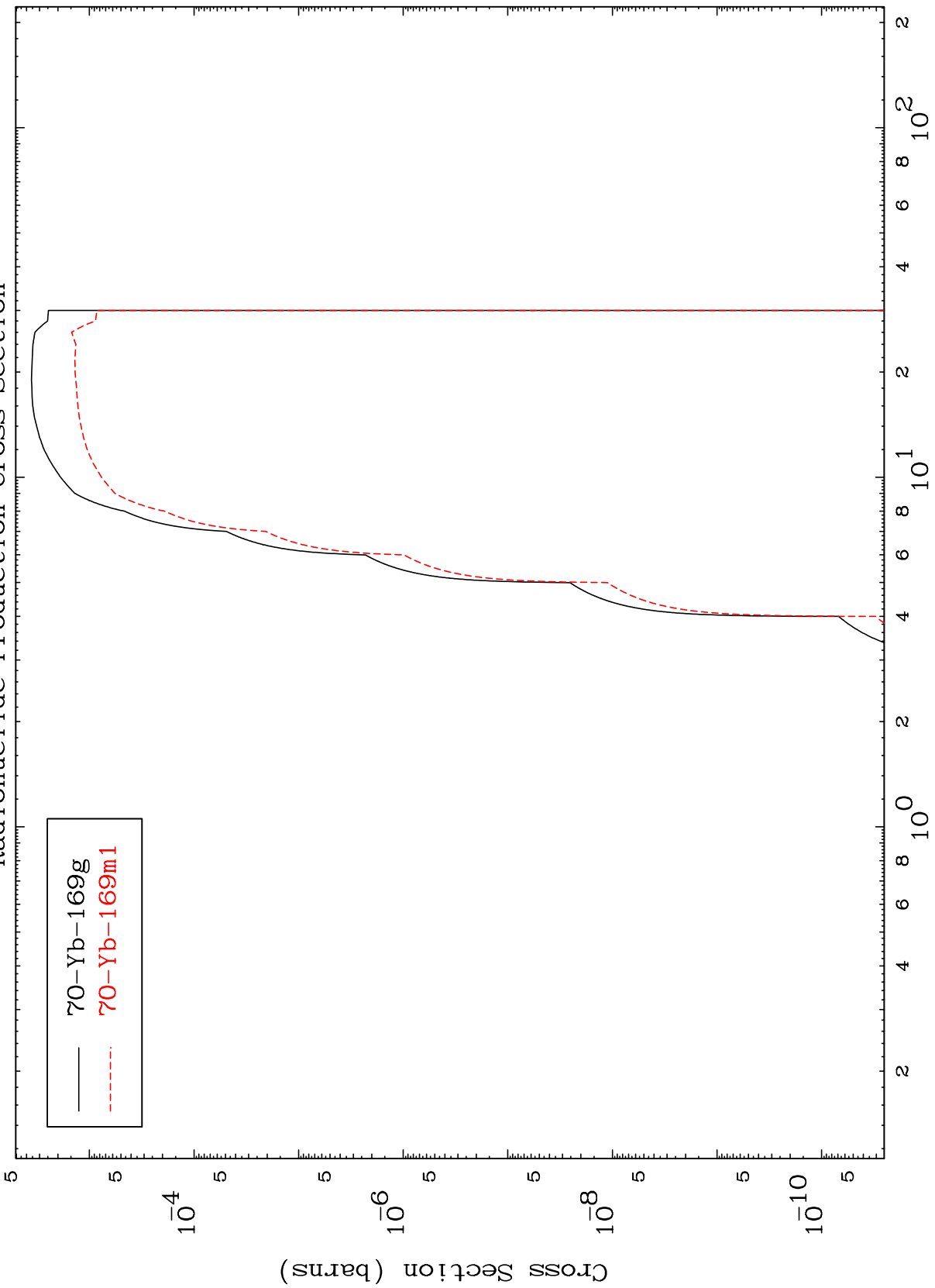
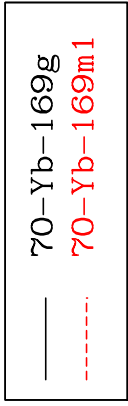
⁷¹Lu-170

23

MAT 7110

71-Lu-170

Radionuclide Production Cross Section



Incident Energy (MeV)

71-Lu-170

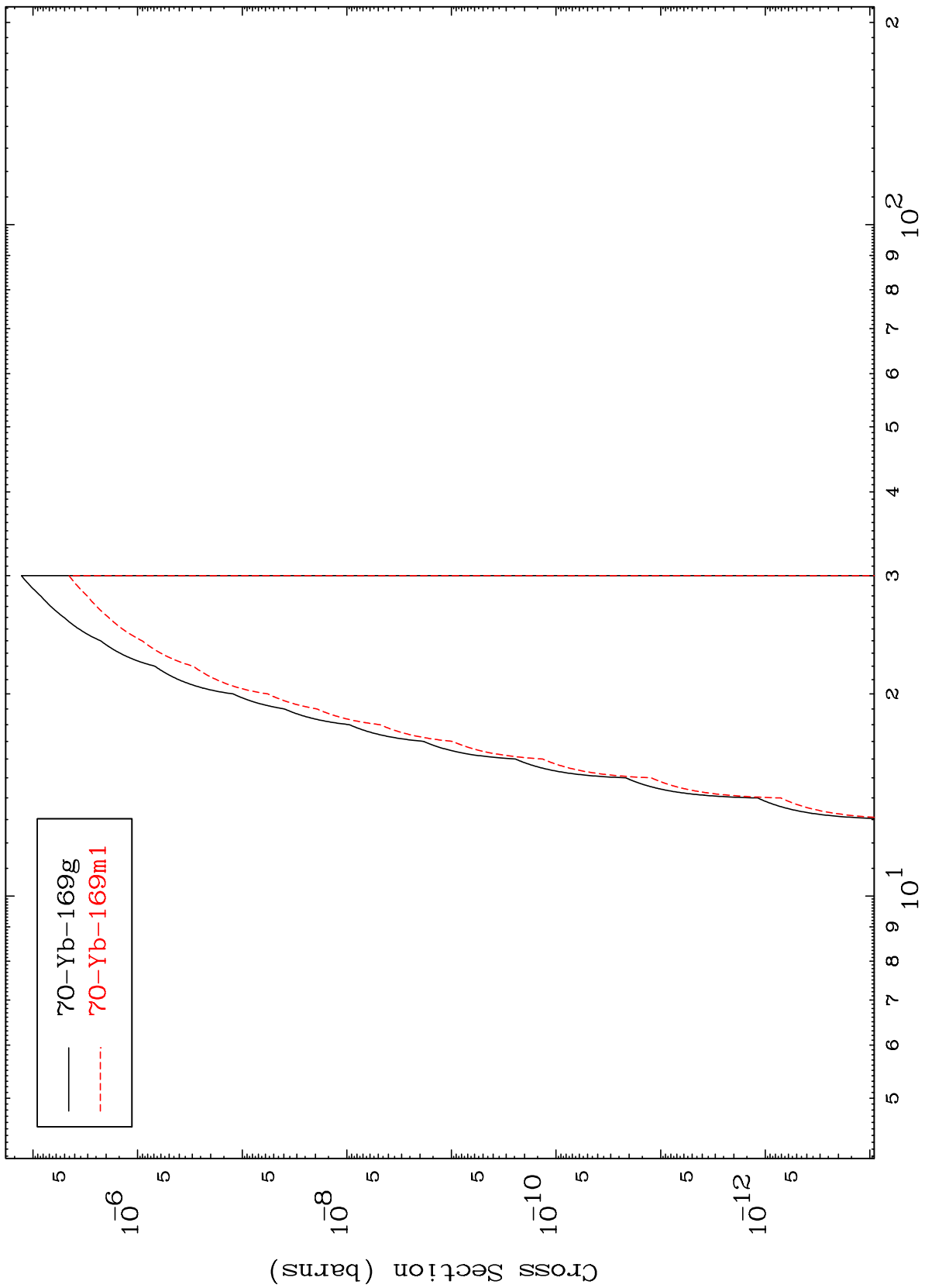
24

MAT 7110

(n,p) t

⁷¹Lu-170

Radionuclide Production Cross Section



25

Incident Energy (MeV)

⁷¹Lu-170