

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

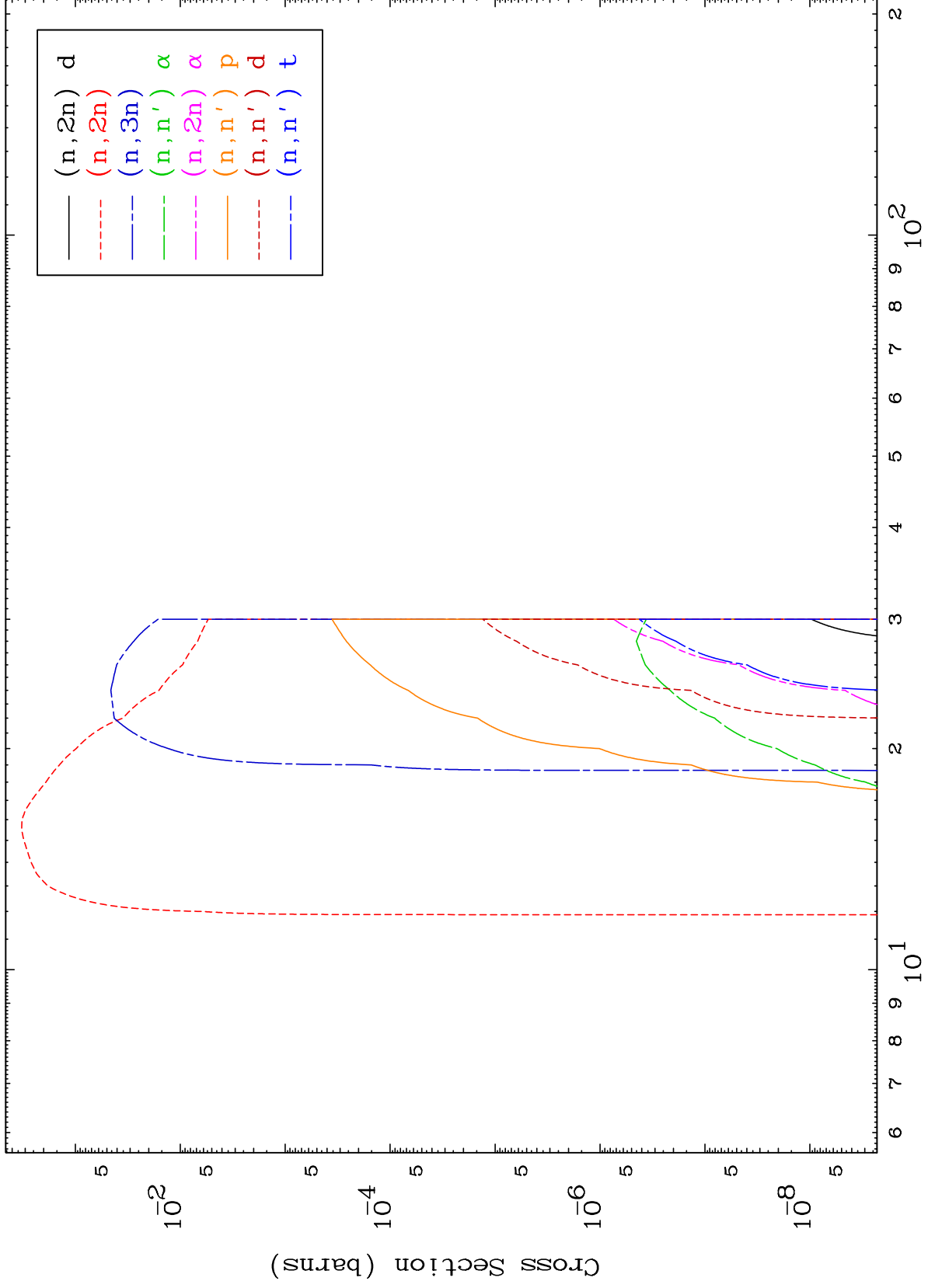
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U.S.A.

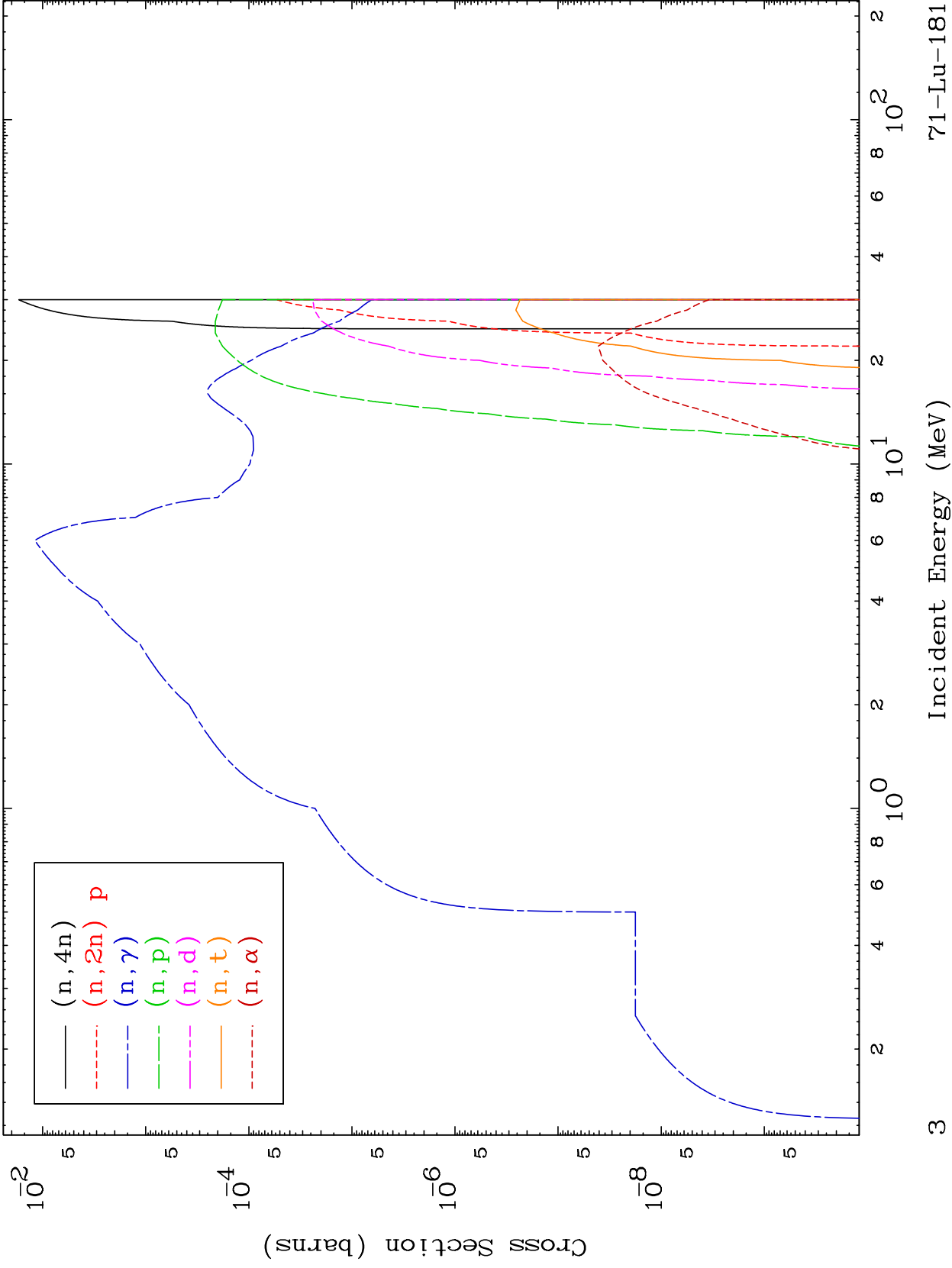
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

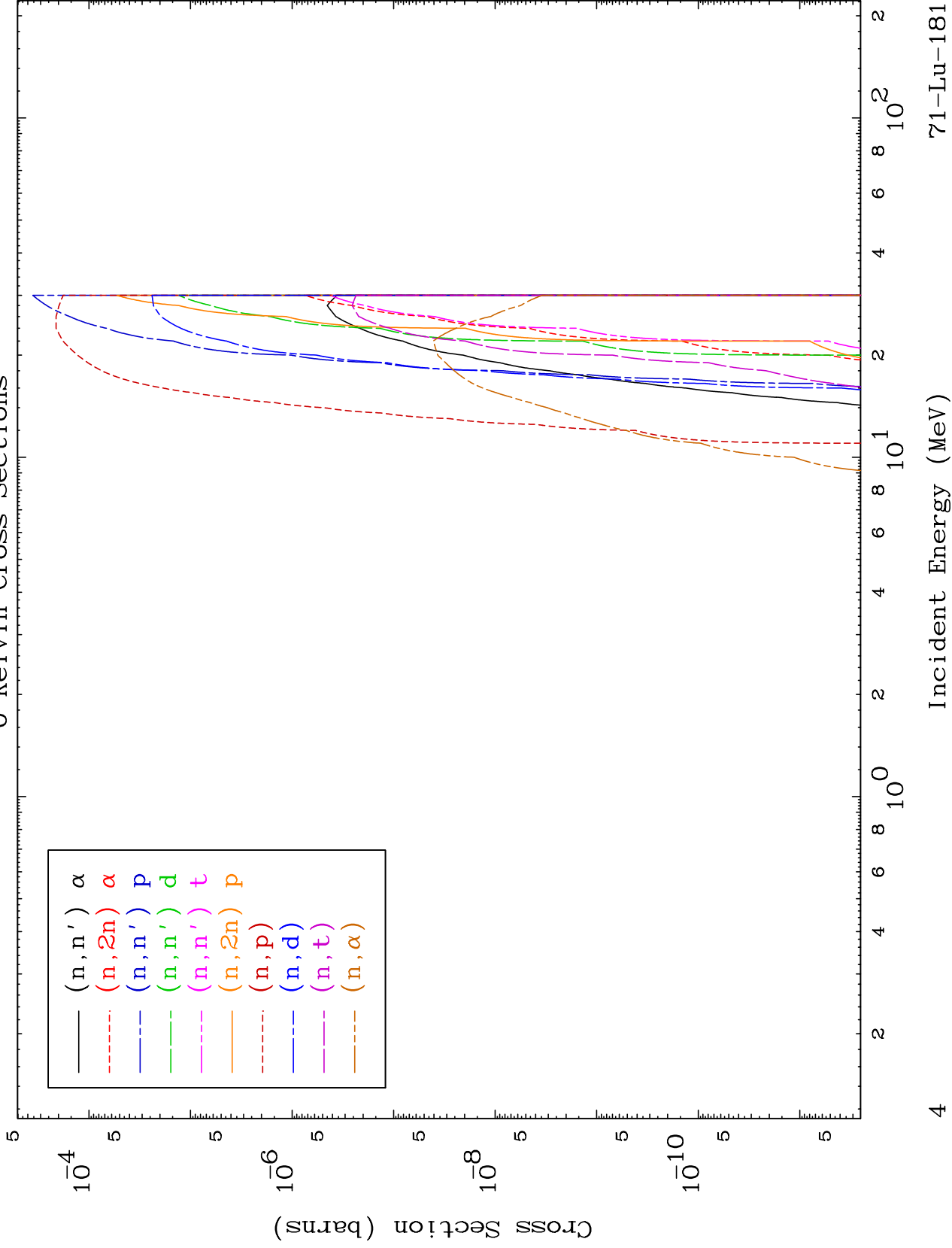




MAT 7143

Photon Charged Particle
0 Kelvin Cross Sections

71-Lu-181

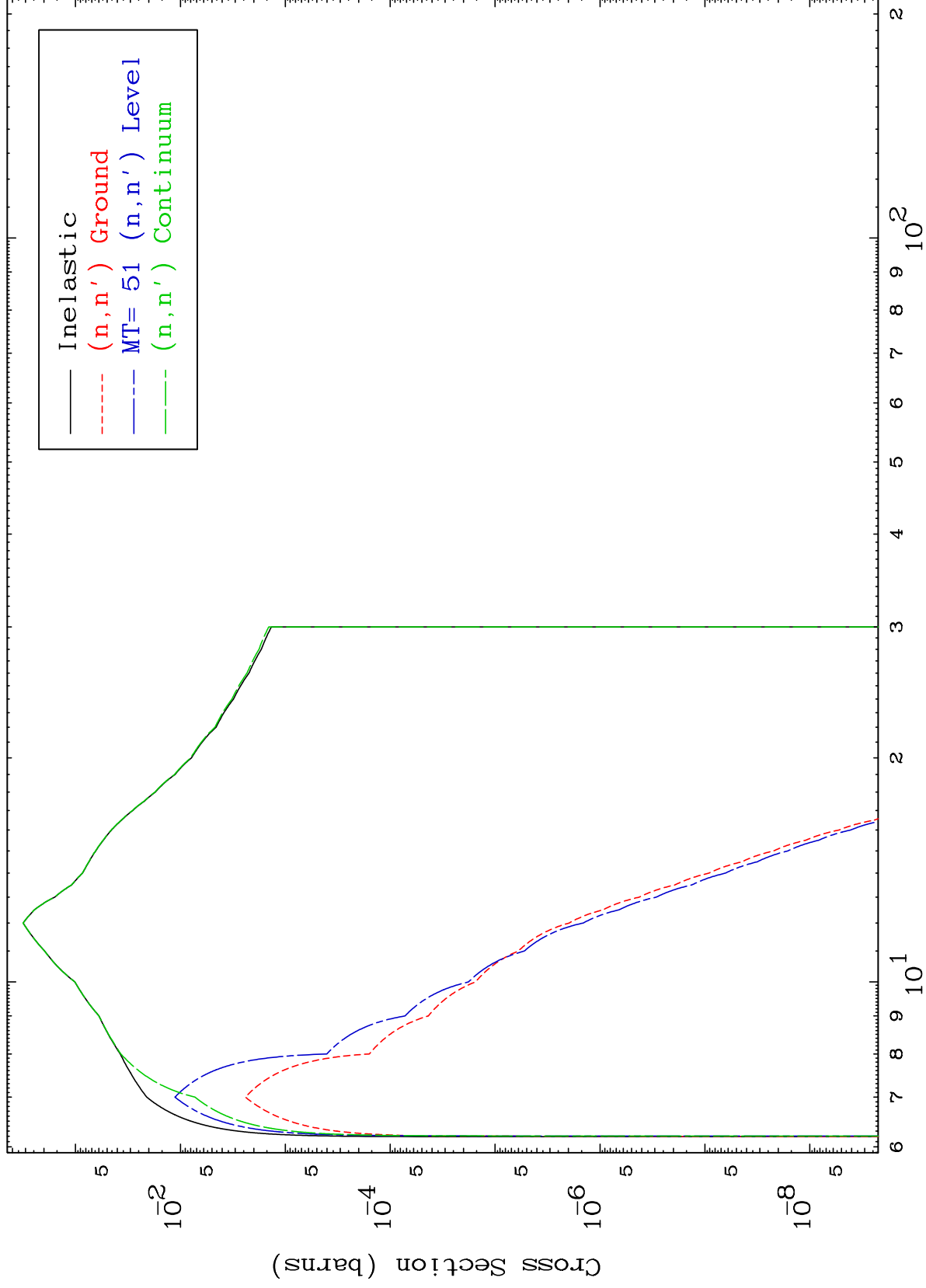


MAT 7143

(γ, n') Levels

71-Lu-181

0 Kelvin Cross Sections



Incident Energy (MeV)

71-Lu-181

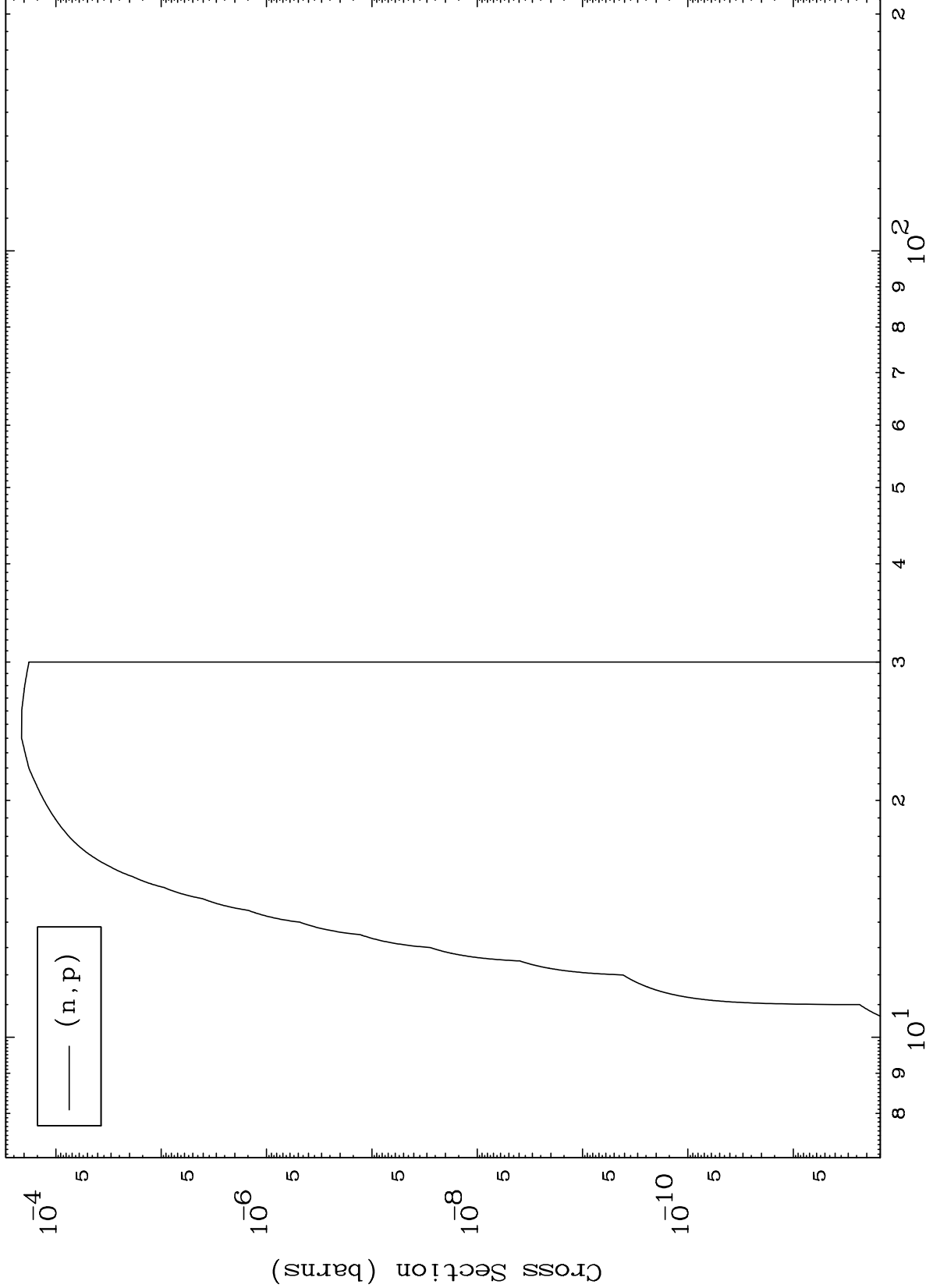
5

MAT 7143

(γ, p) Levels

71-Lu-181

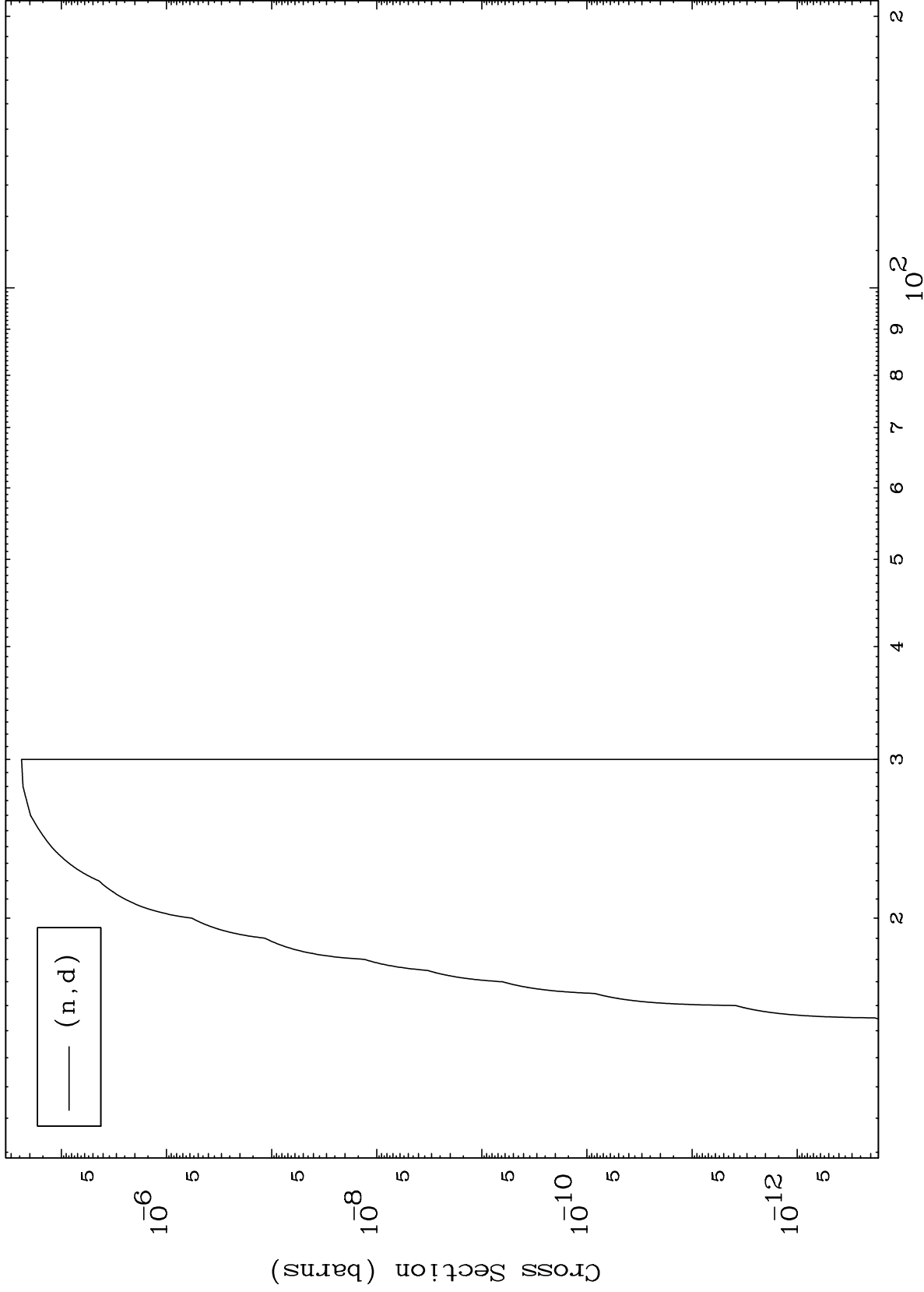
0 Kelvin Cross Sections



6

Incident Energy (MeV)

71-Lu-181

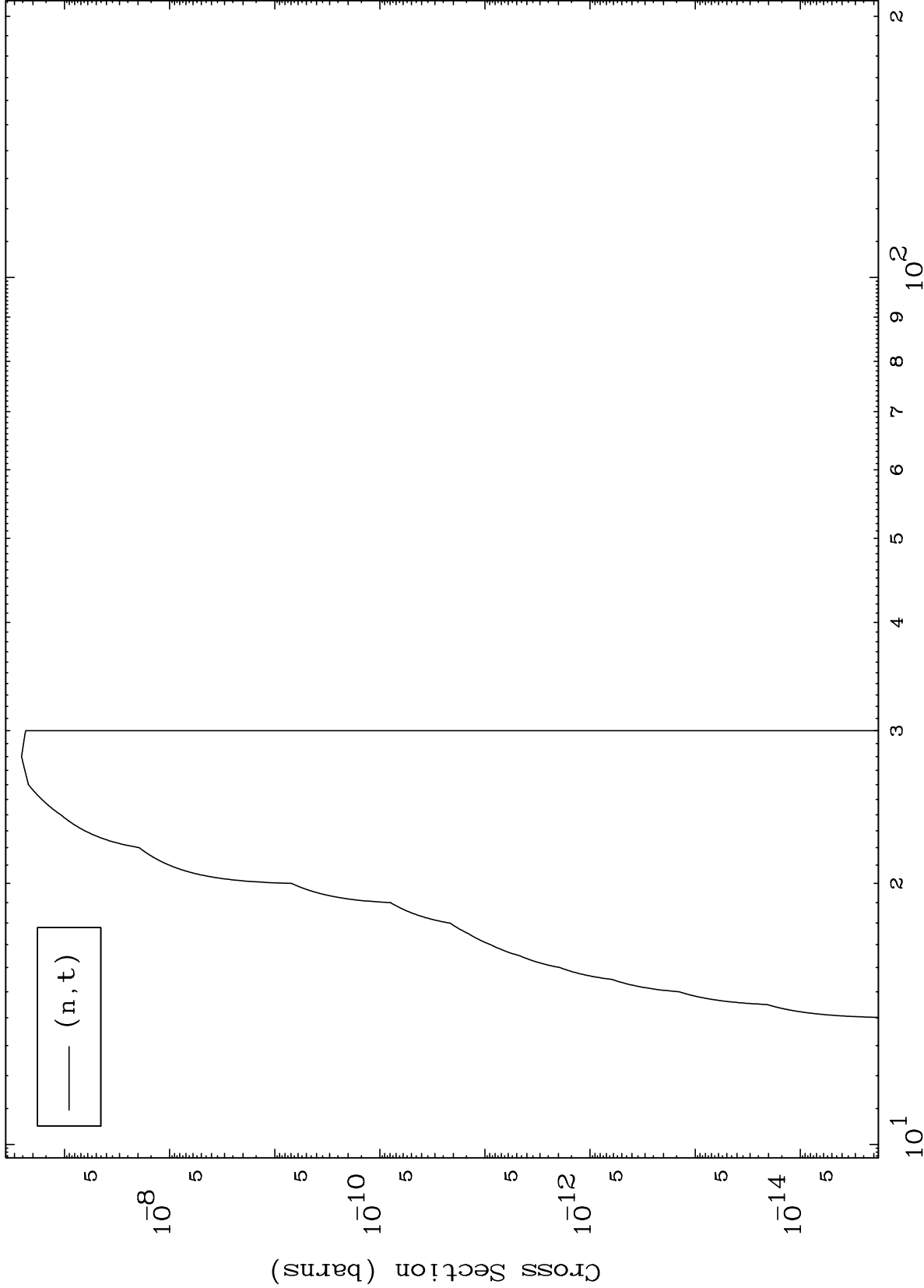


MAT 7143

(γ, t) Levels

71-Lu-181

0 Kelvin Cross Sections



Incident Energy (MeV)

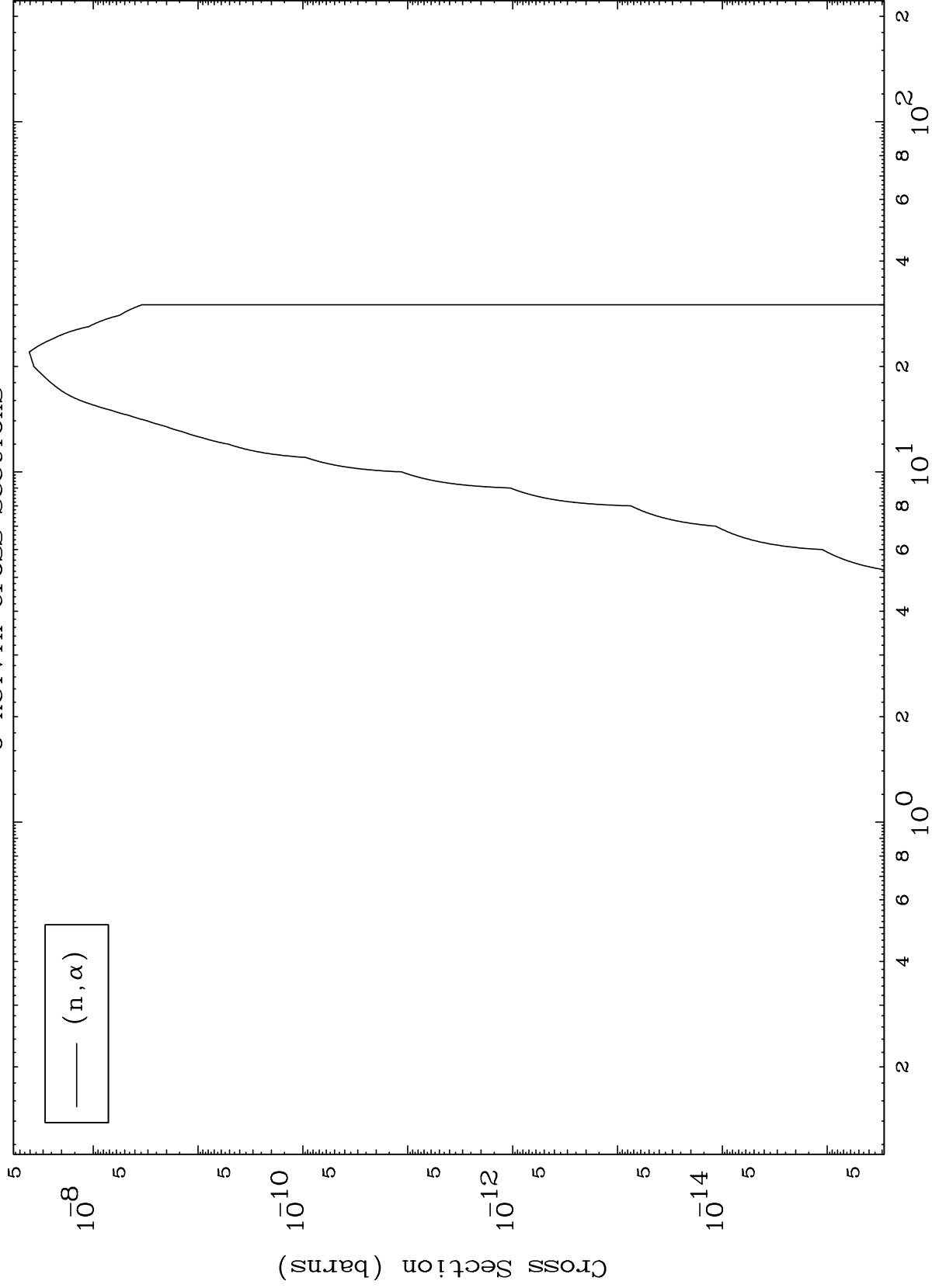
71-Lu-181

MAT 7143

(γ, α) Levels

71-Lu-181

0 Kelvin Cross Sections

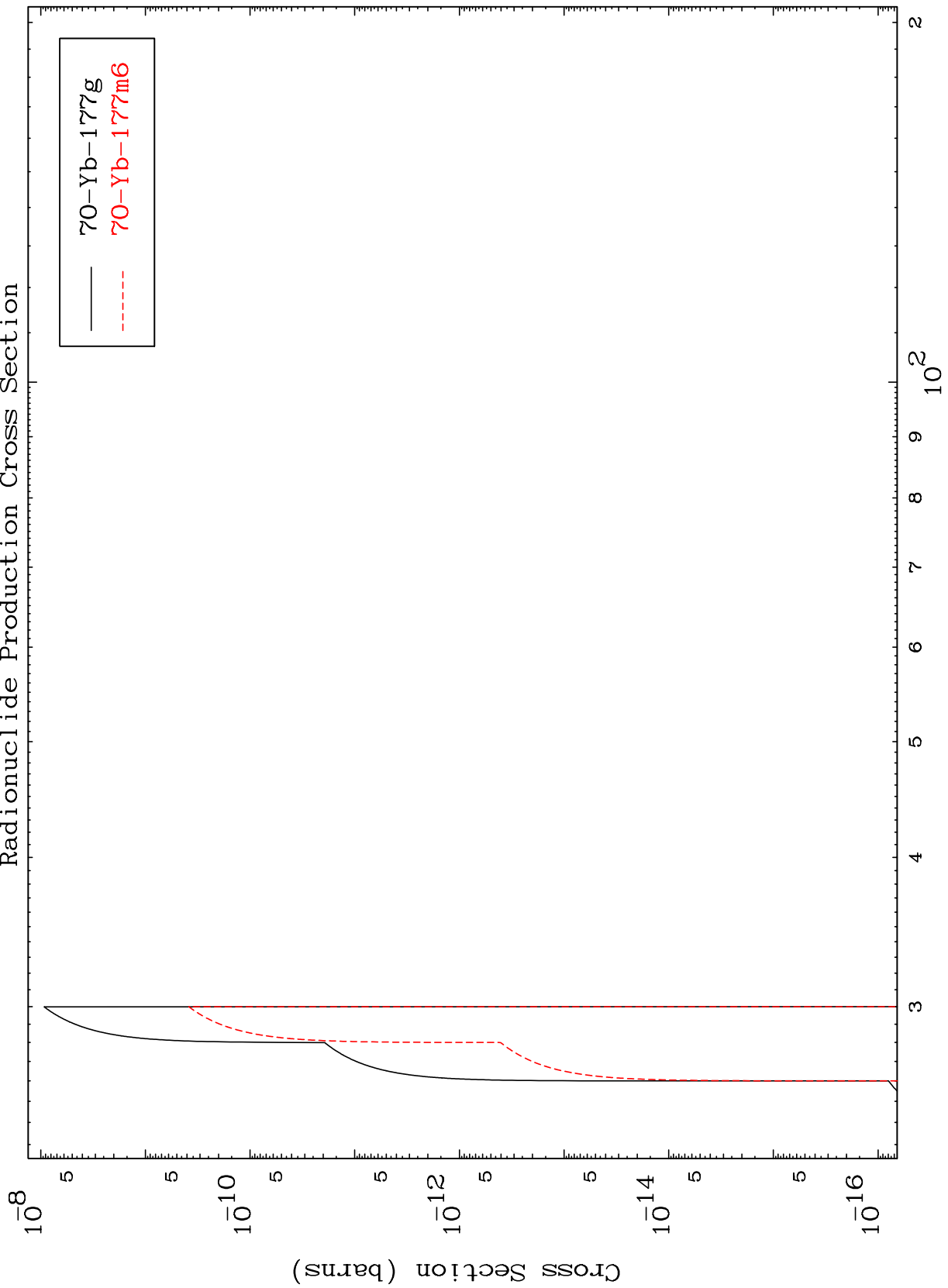


MAT 7143

(n,2n) d

71-Lu-181

Radionuclide Production Cross Section



10

Incident Energy (MeV)

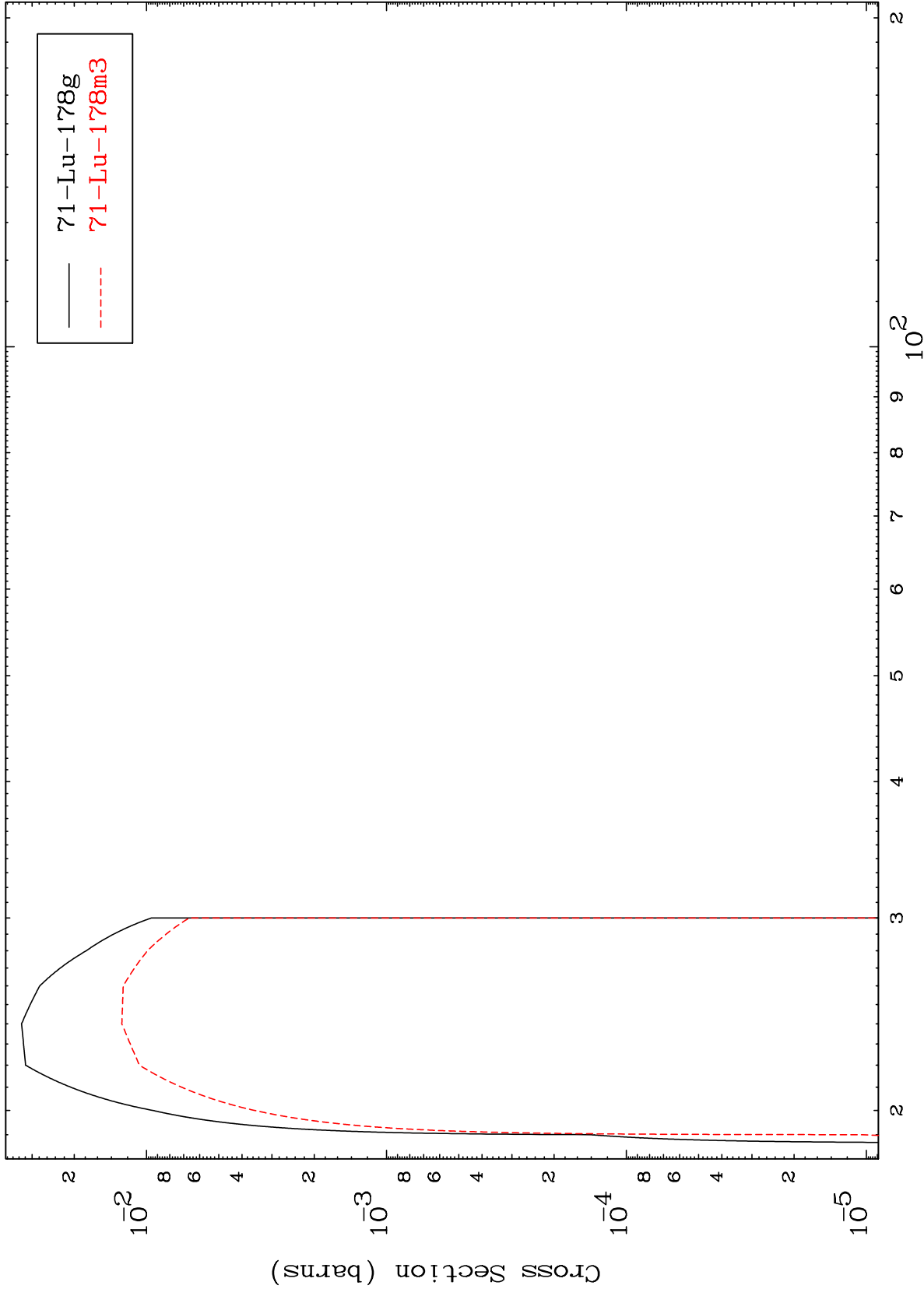
71-Lu-181

MAT 7143

(n,3n)

71-Lu-181

Radionuclide Production Cross Section



11

Incident Energy (MeV)

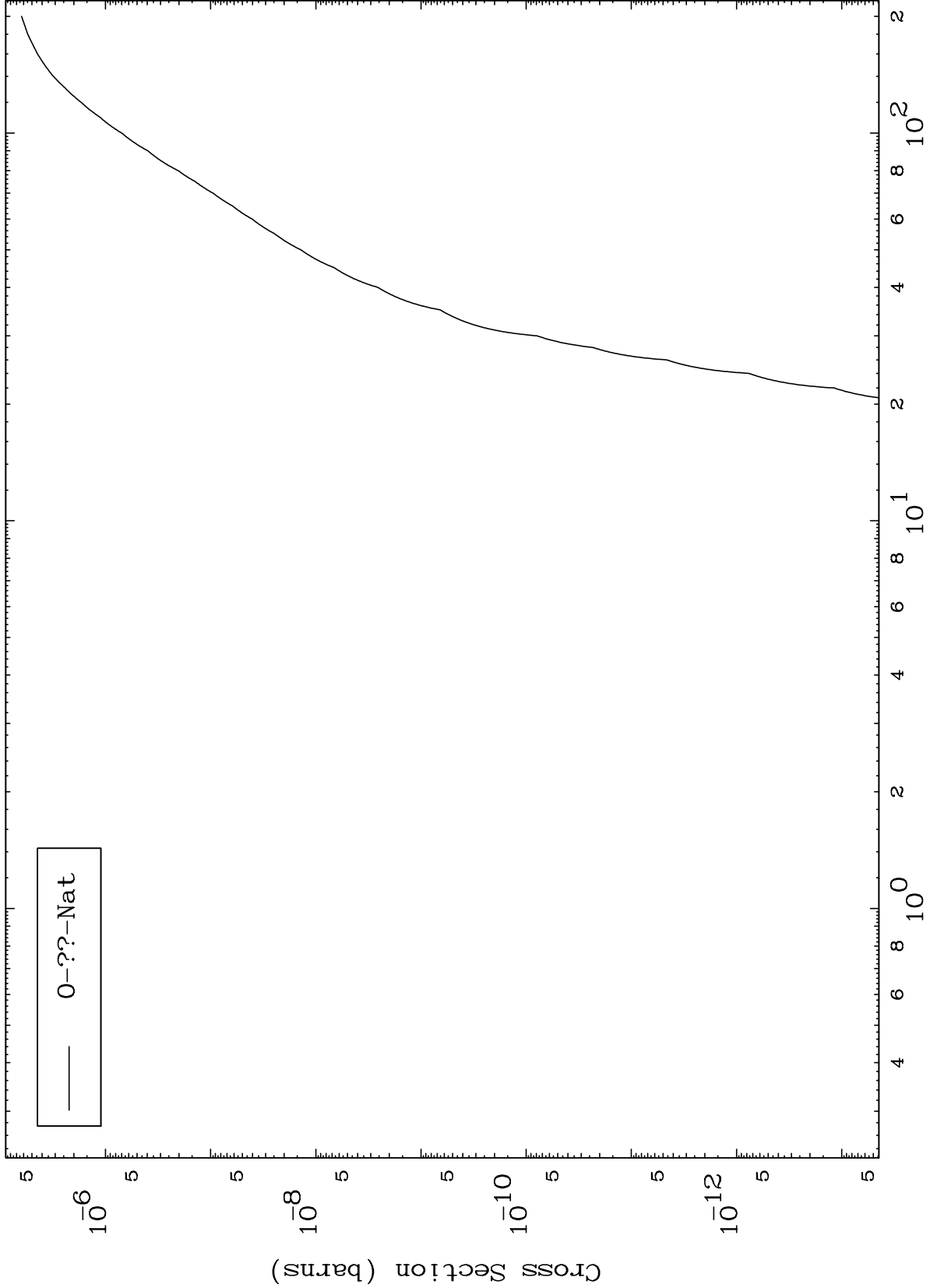
71-Lu-181

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Fission

⁷¹Lu-181

Radionuclide Production Cross Section



12

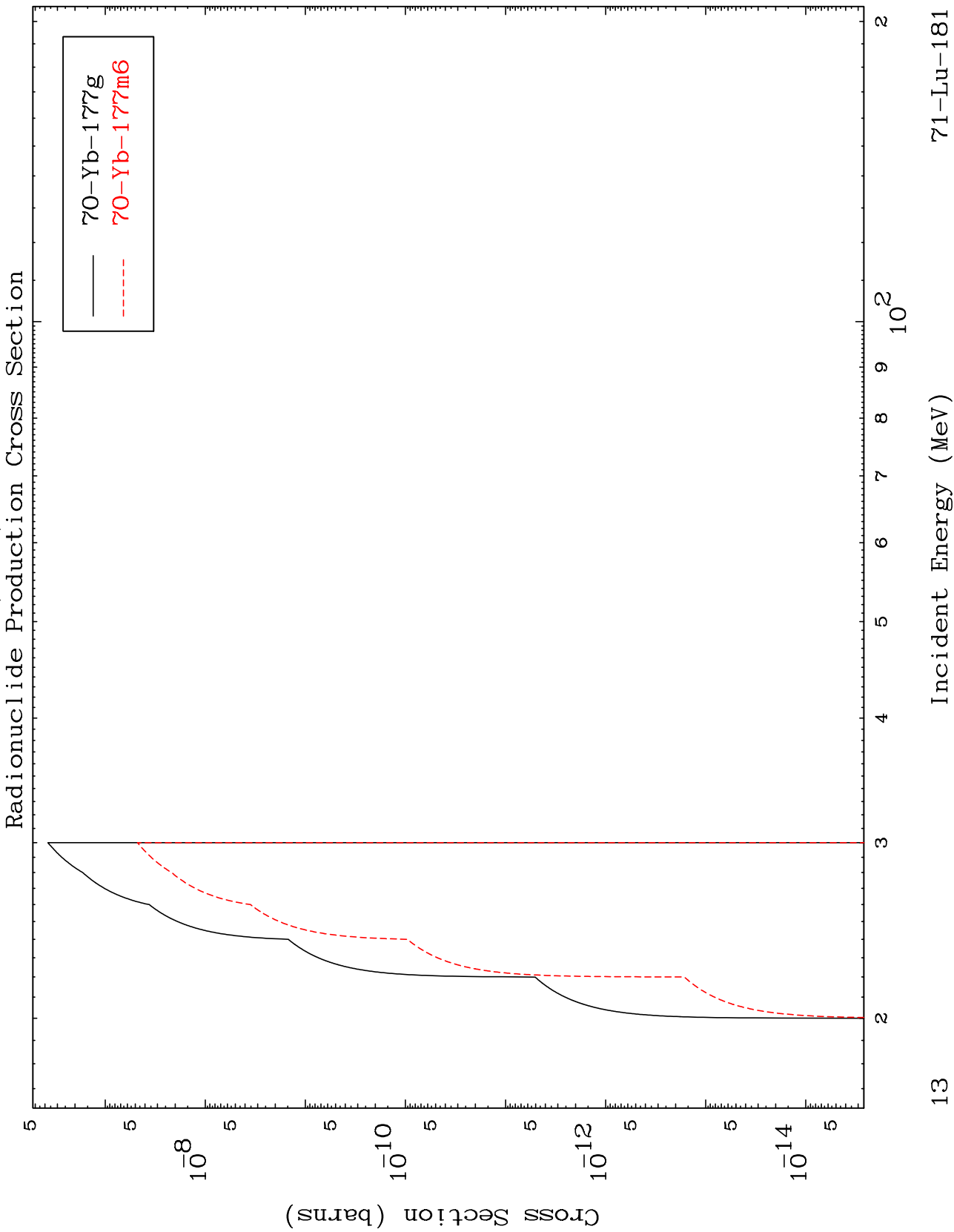
Incident Energy (MeV)

⁷¹Lu-181

MAT 7143

(n,n') t

71-Lu-181



13

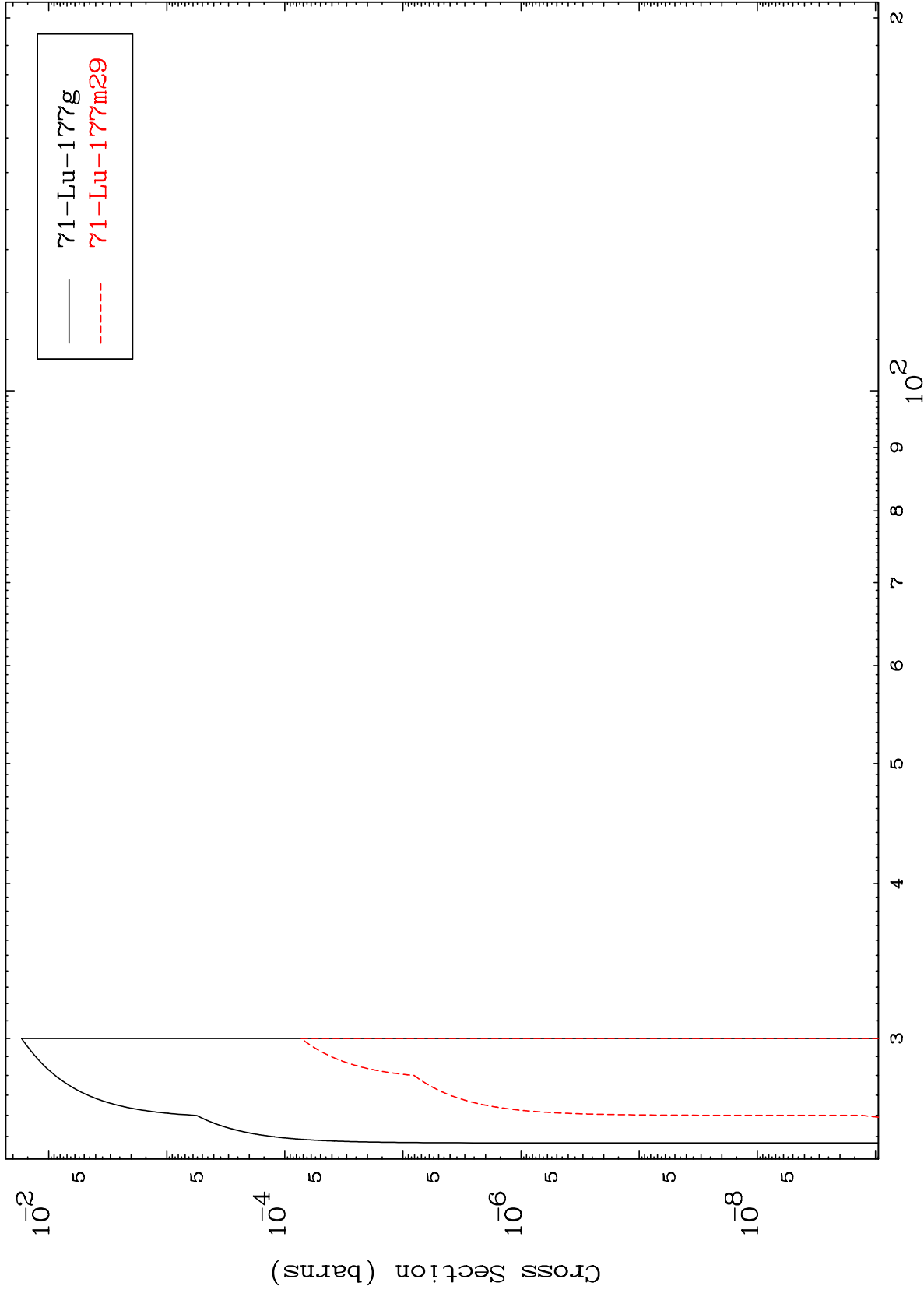
Incident Energy (MeV)

71-Lu-181

MAT 7143

71-Lu-181

(n,4n)
Radionuclide Production Cross Section



71-Lu-181

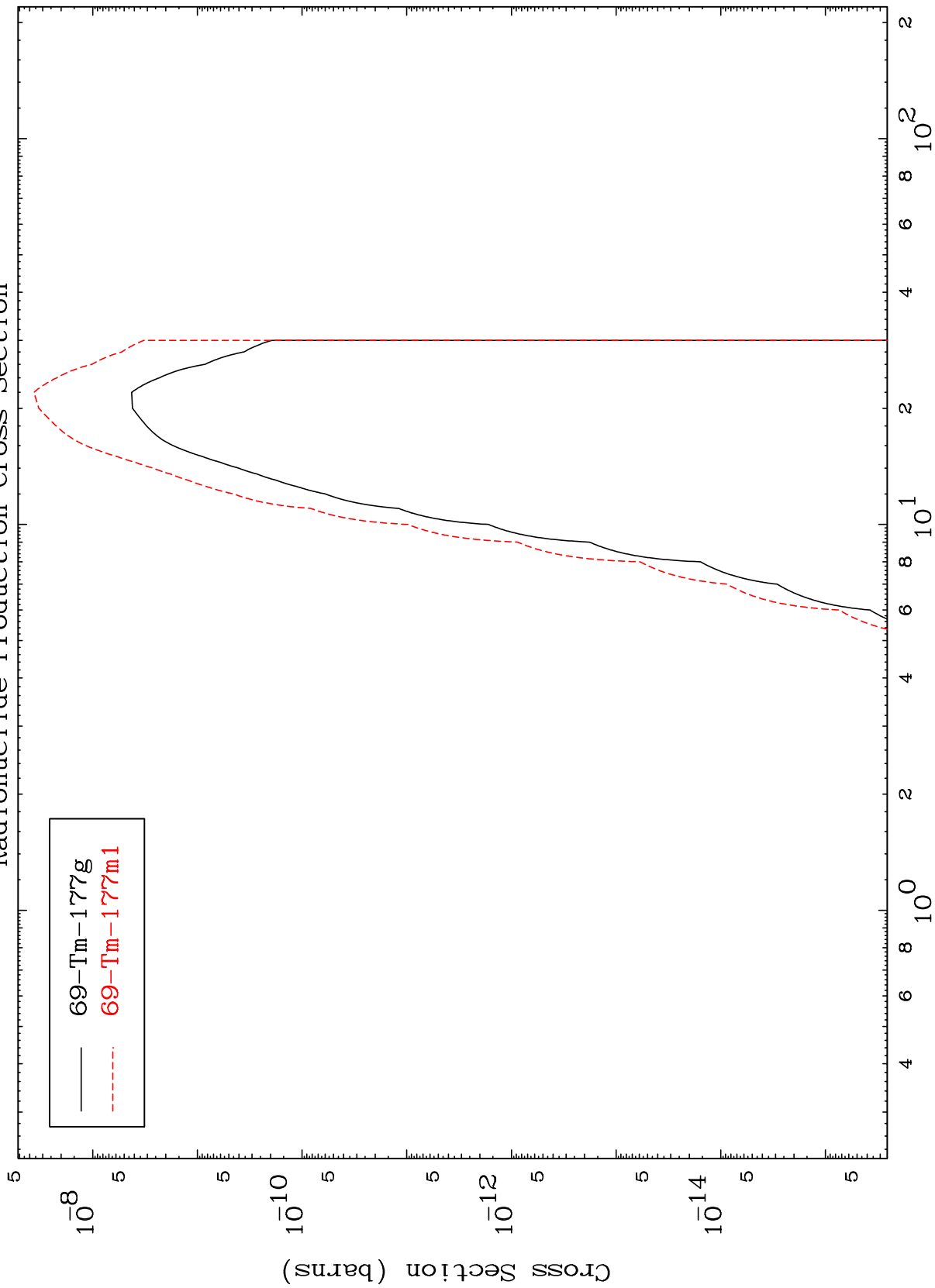
Incident Energy (MeV)

14

MAT 7143

71-Lu-181

Radionuclide Production Cross Section
(n, α)



Incident Energy (MeV)

71-Lu-181

15