

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

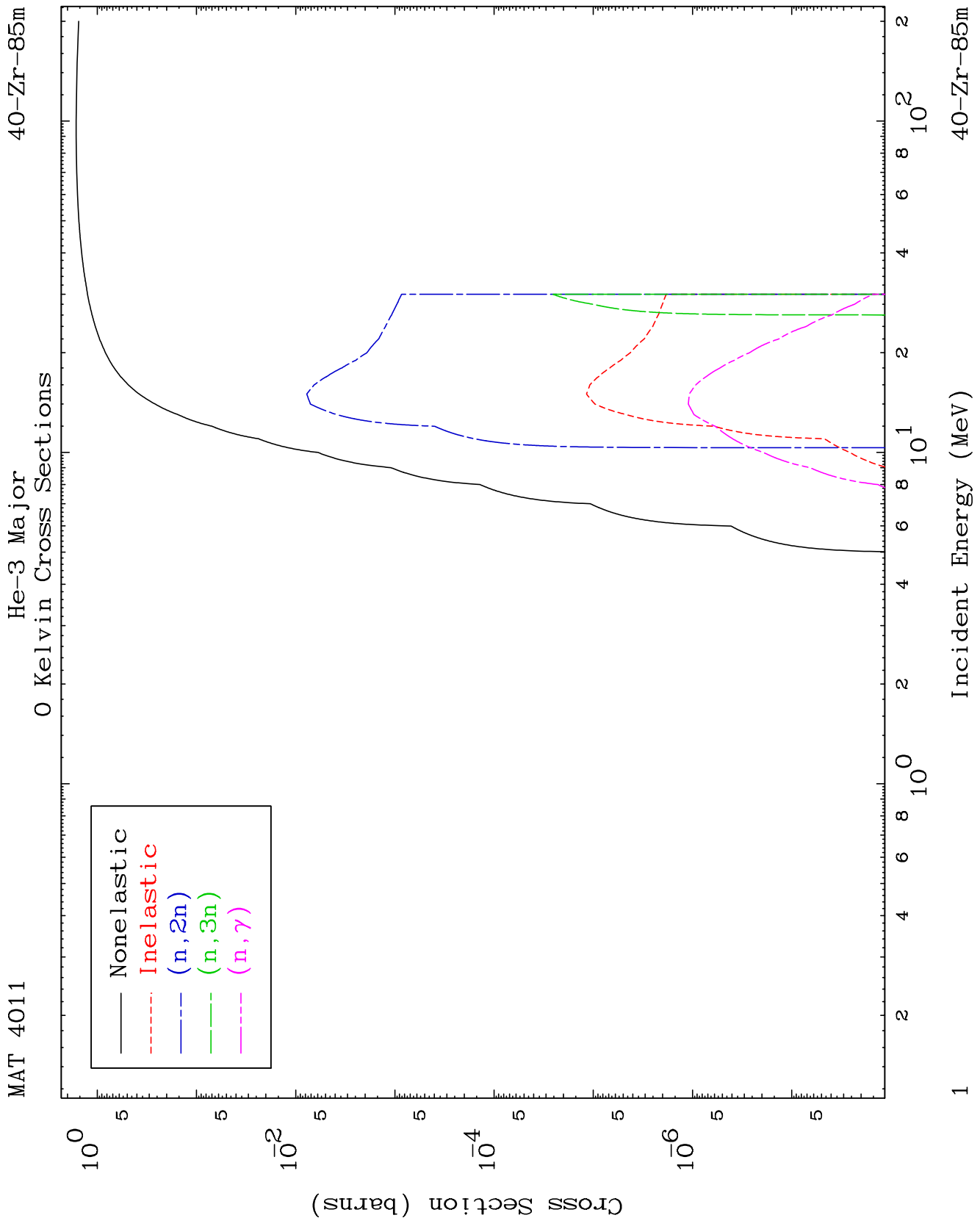
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

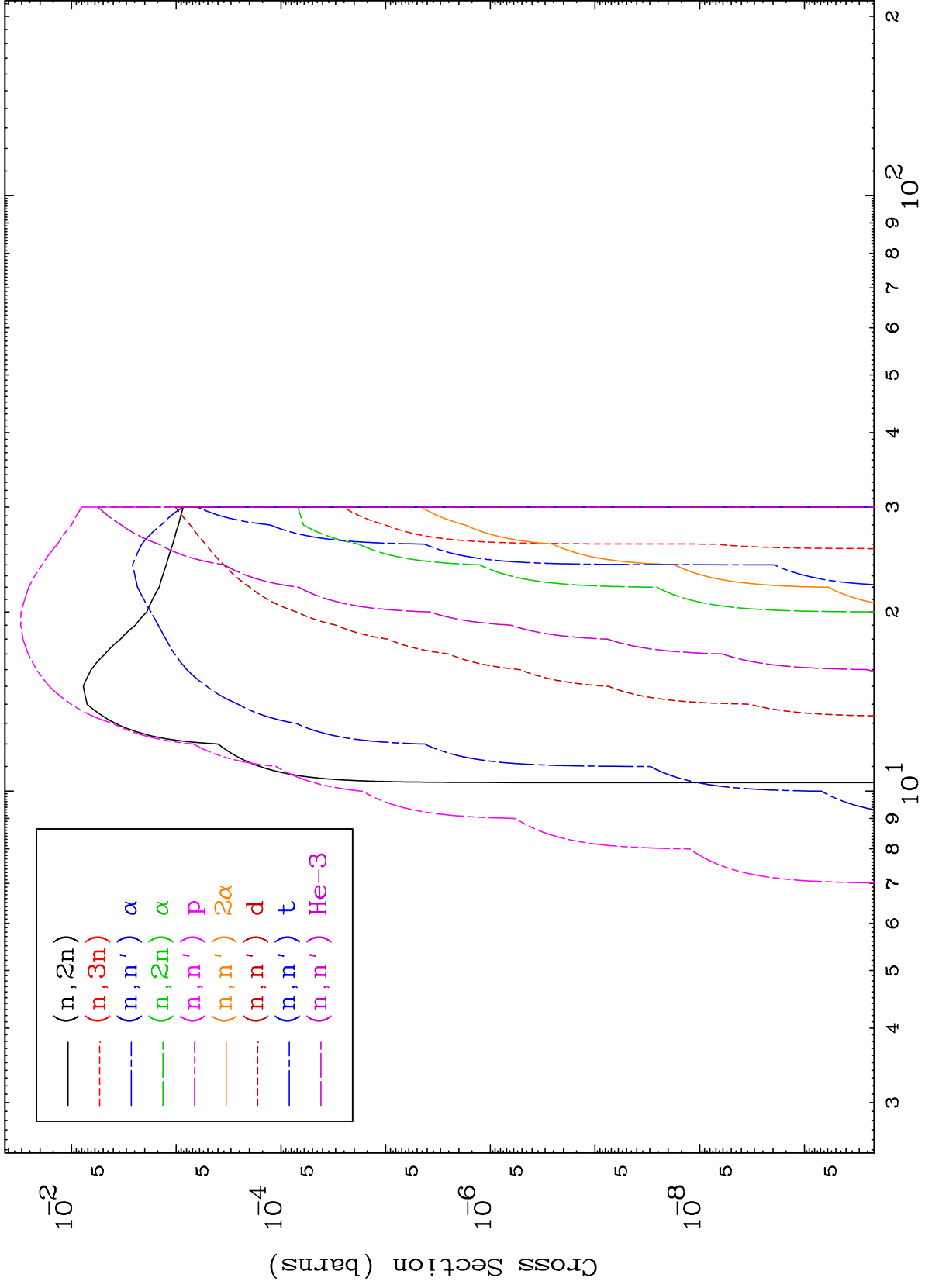
Press Mouse Button to Start



MAT 4011

He-3 Neutron Absorption
0 Kelvin Cross Sections

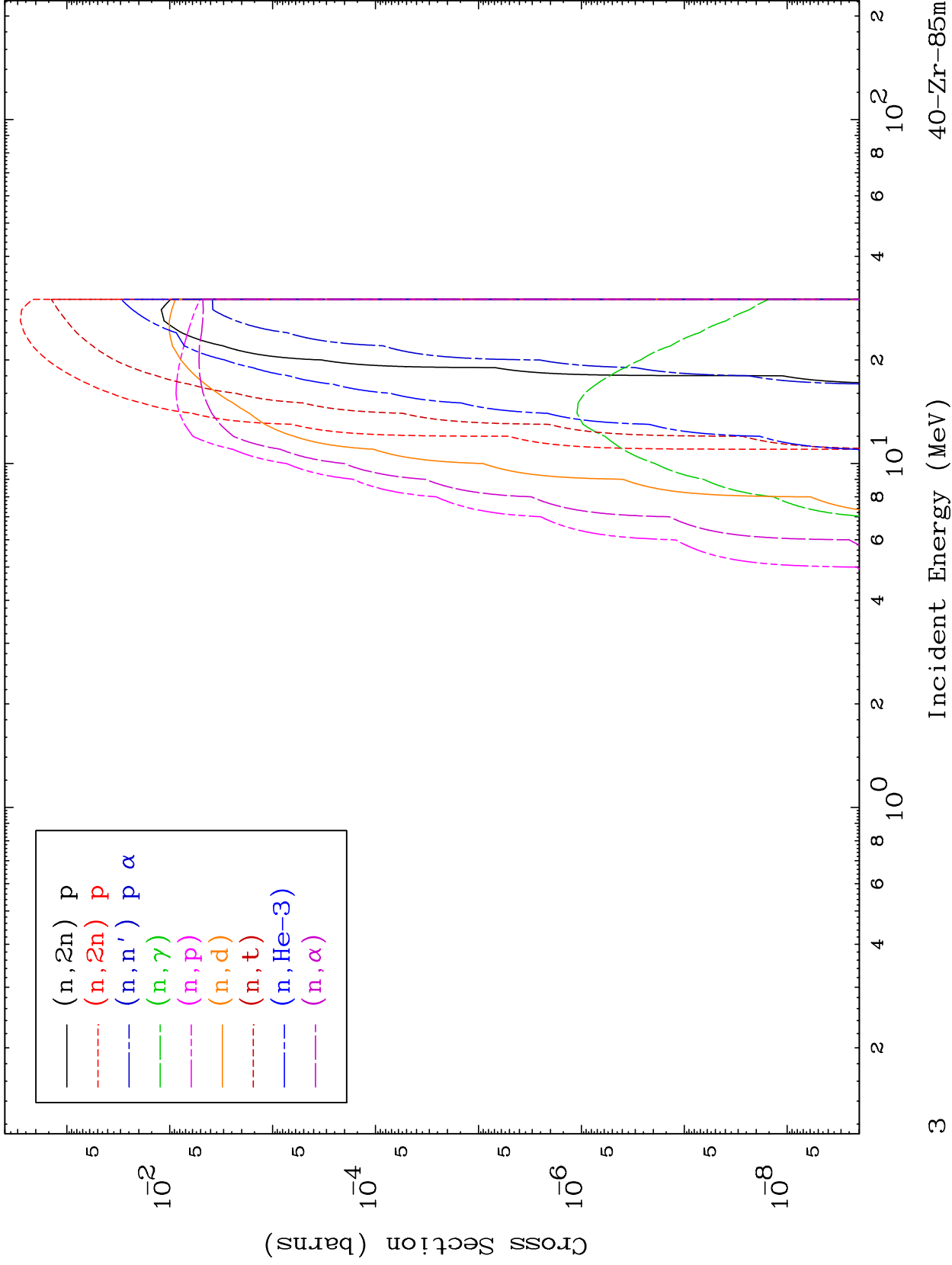
40-Zr-85m



MAT 4011

He-3 Neutron Absorption
0 Kelvin Cross Sections

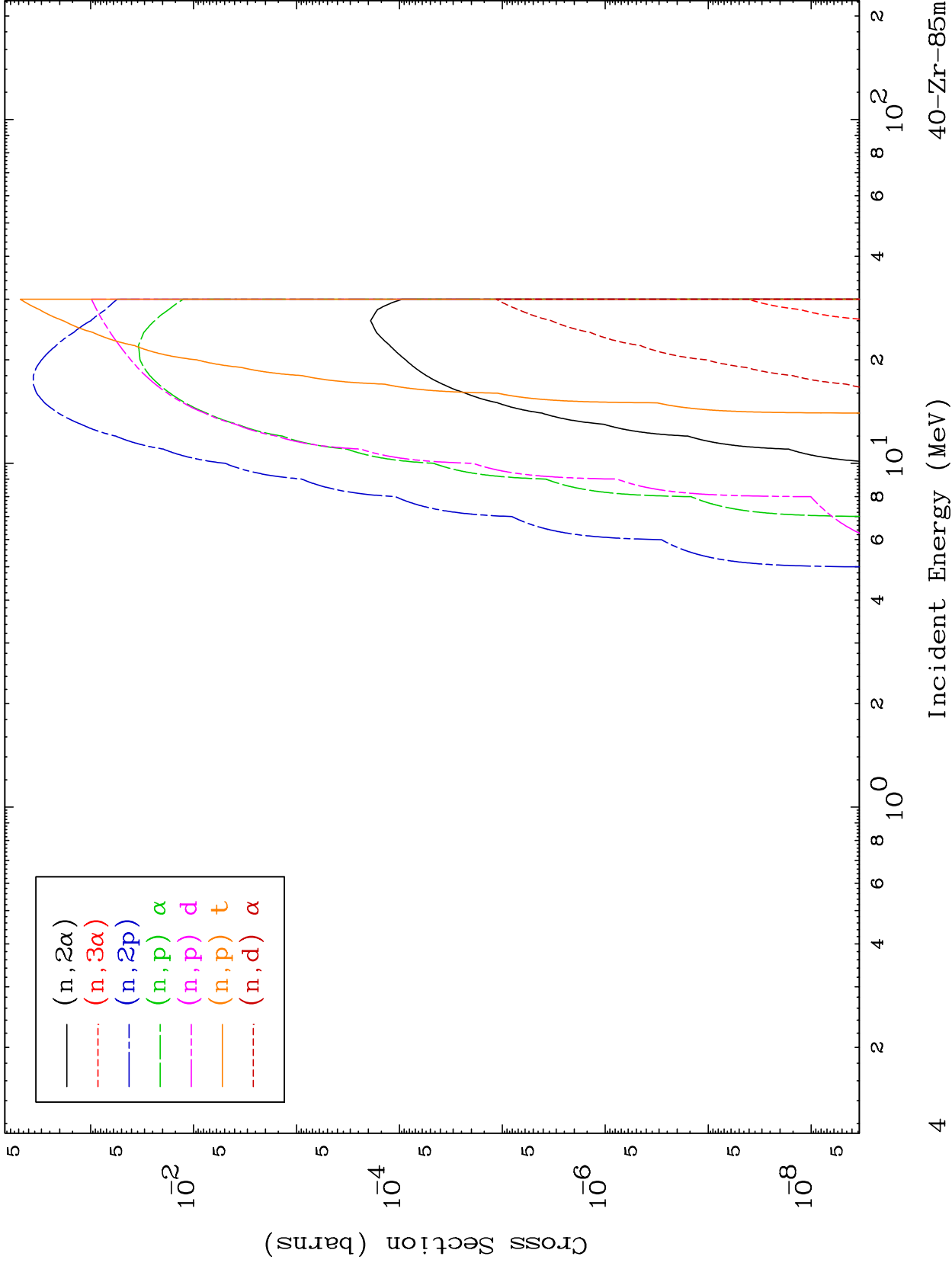
40-Zr-85m



MAT 4011

He-3 Neutron Absorption
0 Kelvin Cross Sections

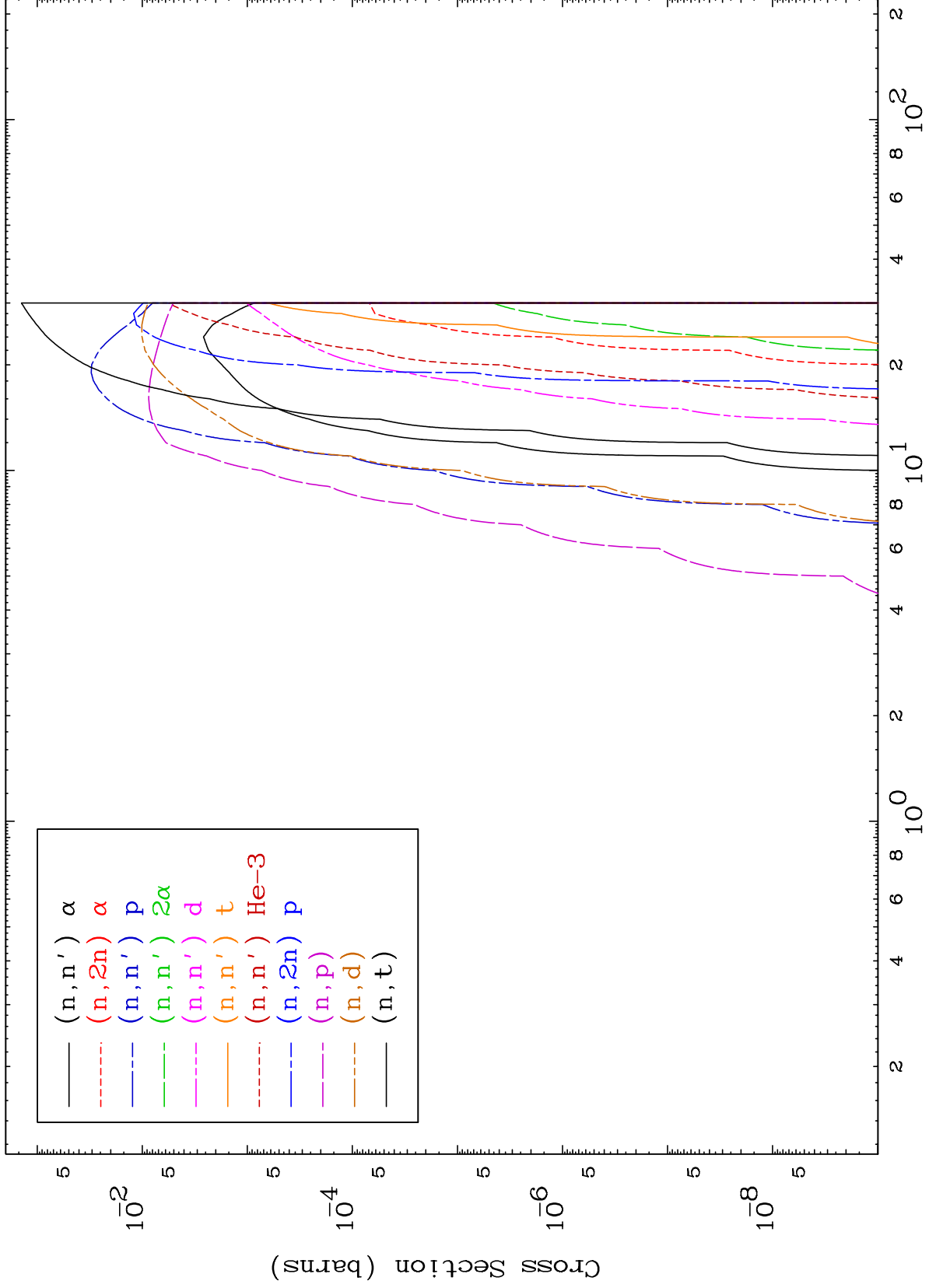
40-Zr-85m



MAT 4011

He-3 Charged Particle
0 Kelvin Cross Sections

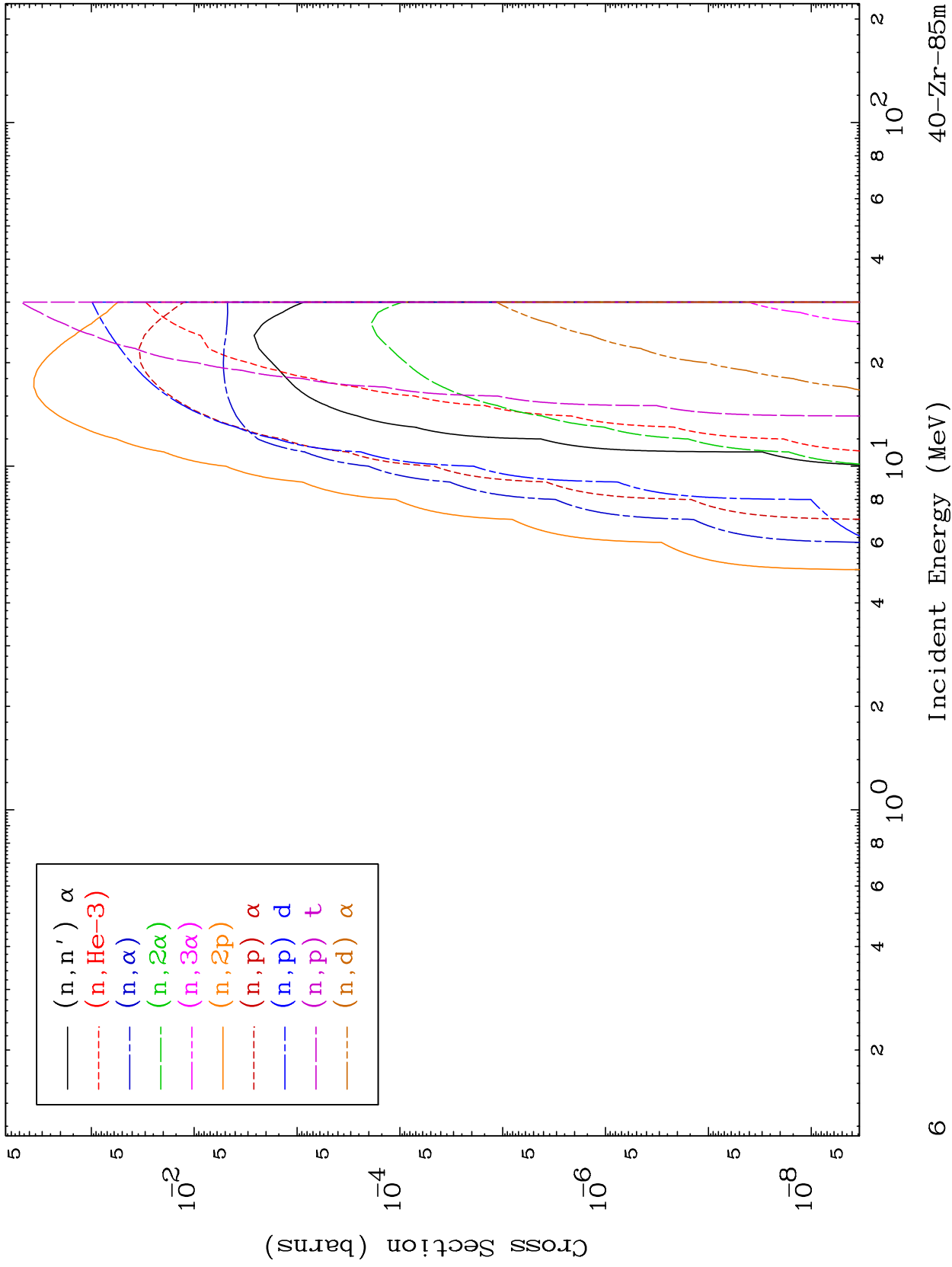
40-Zr-85m

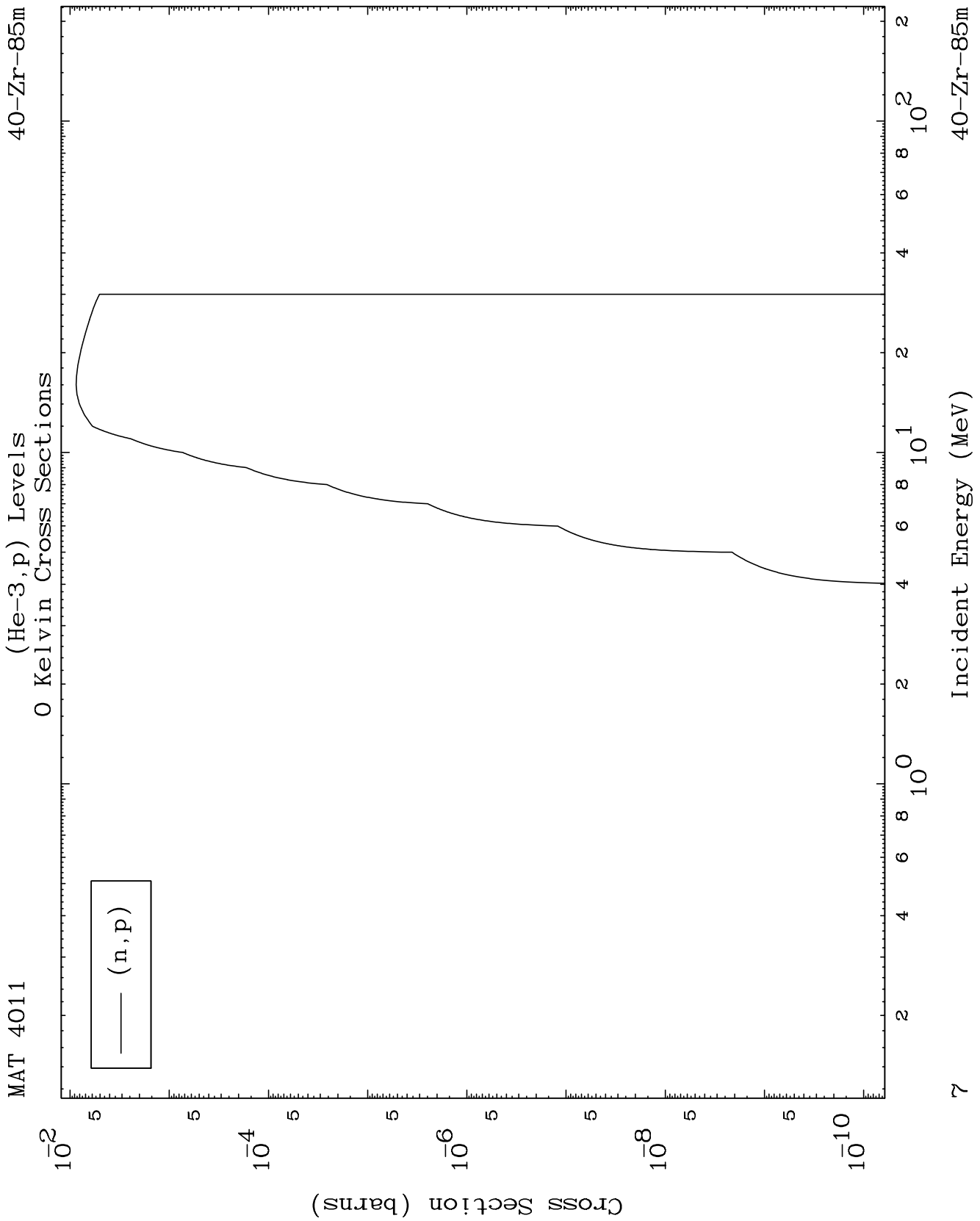


MAT 4011

He-3 Charged Particle
0 Kelvin Cross Sections

40-Zr-85m

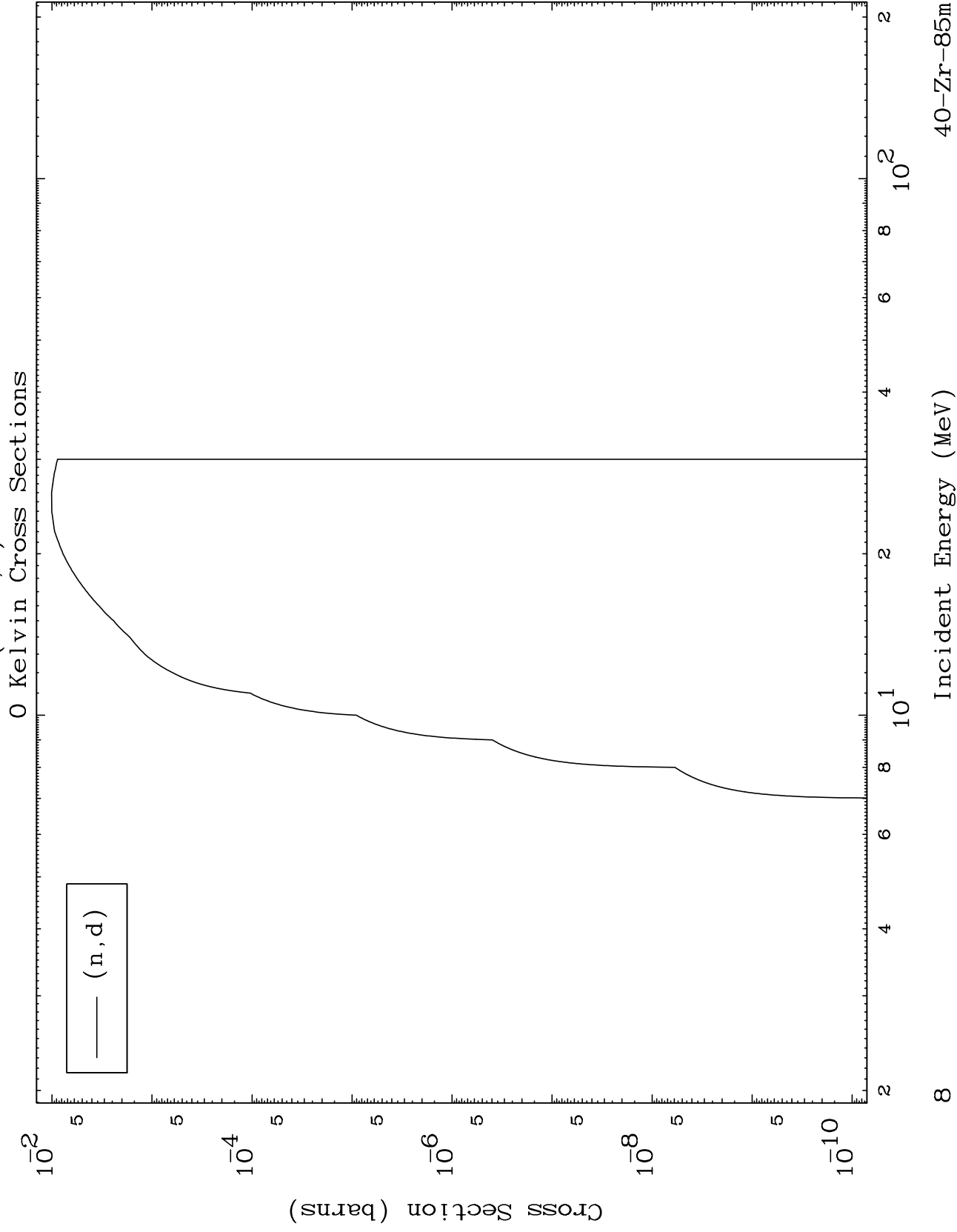




MAT 4011

(He-3,d) Levels

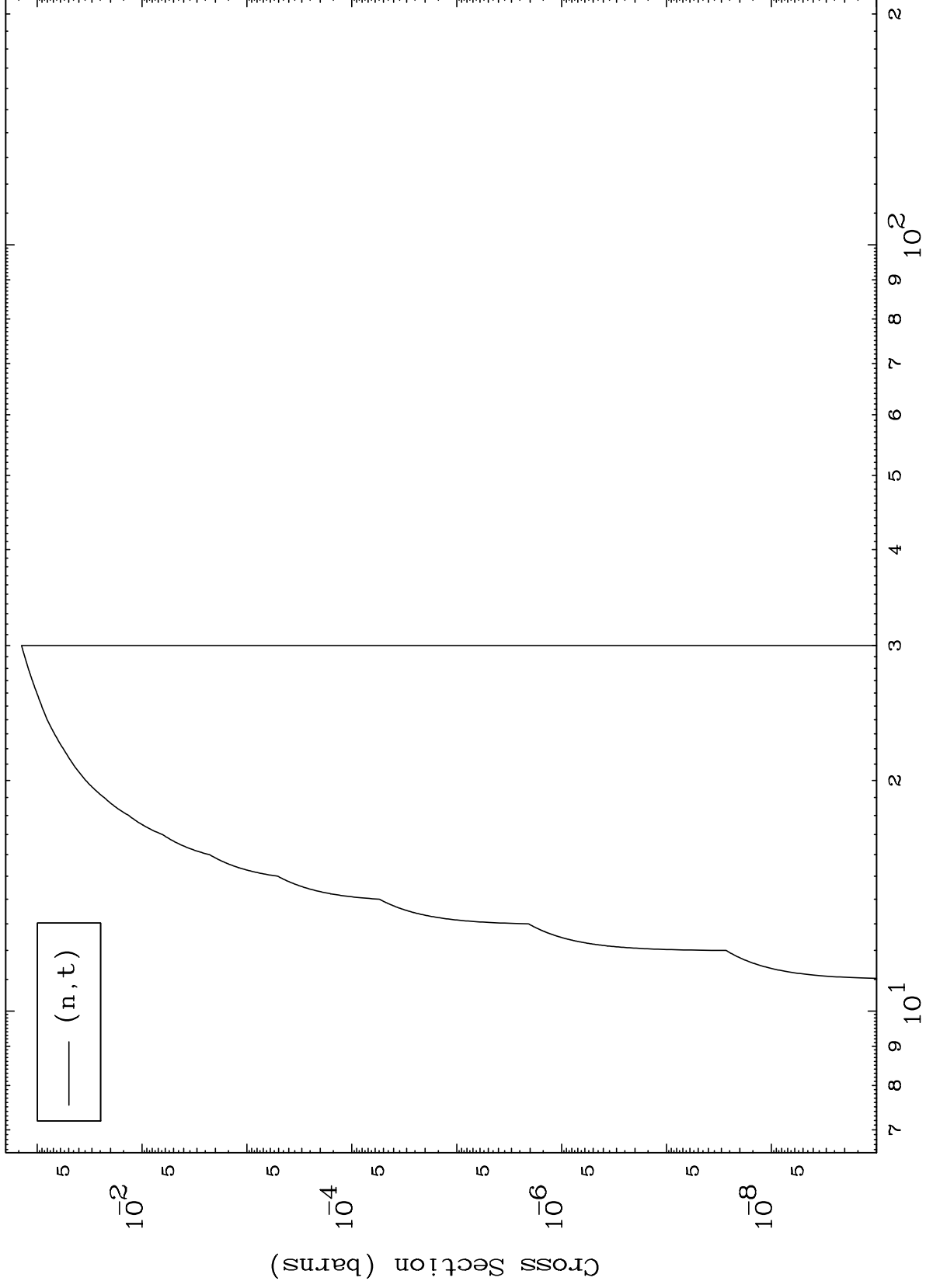
40-Zr-85m



MAT 4011

(He-3,t) Levels
0 Kelvin Cross Sections

40-Zr-85m

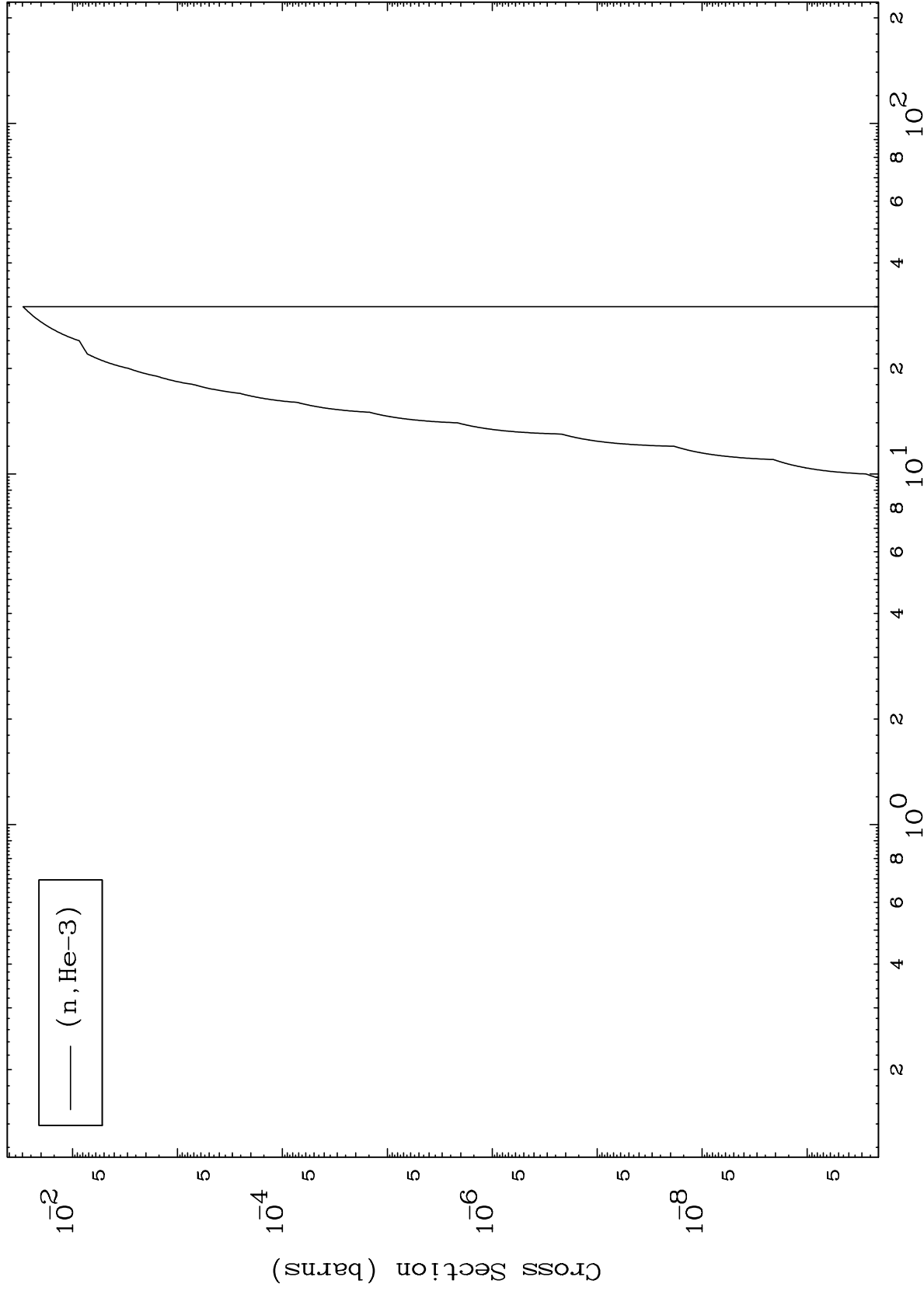


MAT 4011

(He-3, He3) Levels

40-Zr-85m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

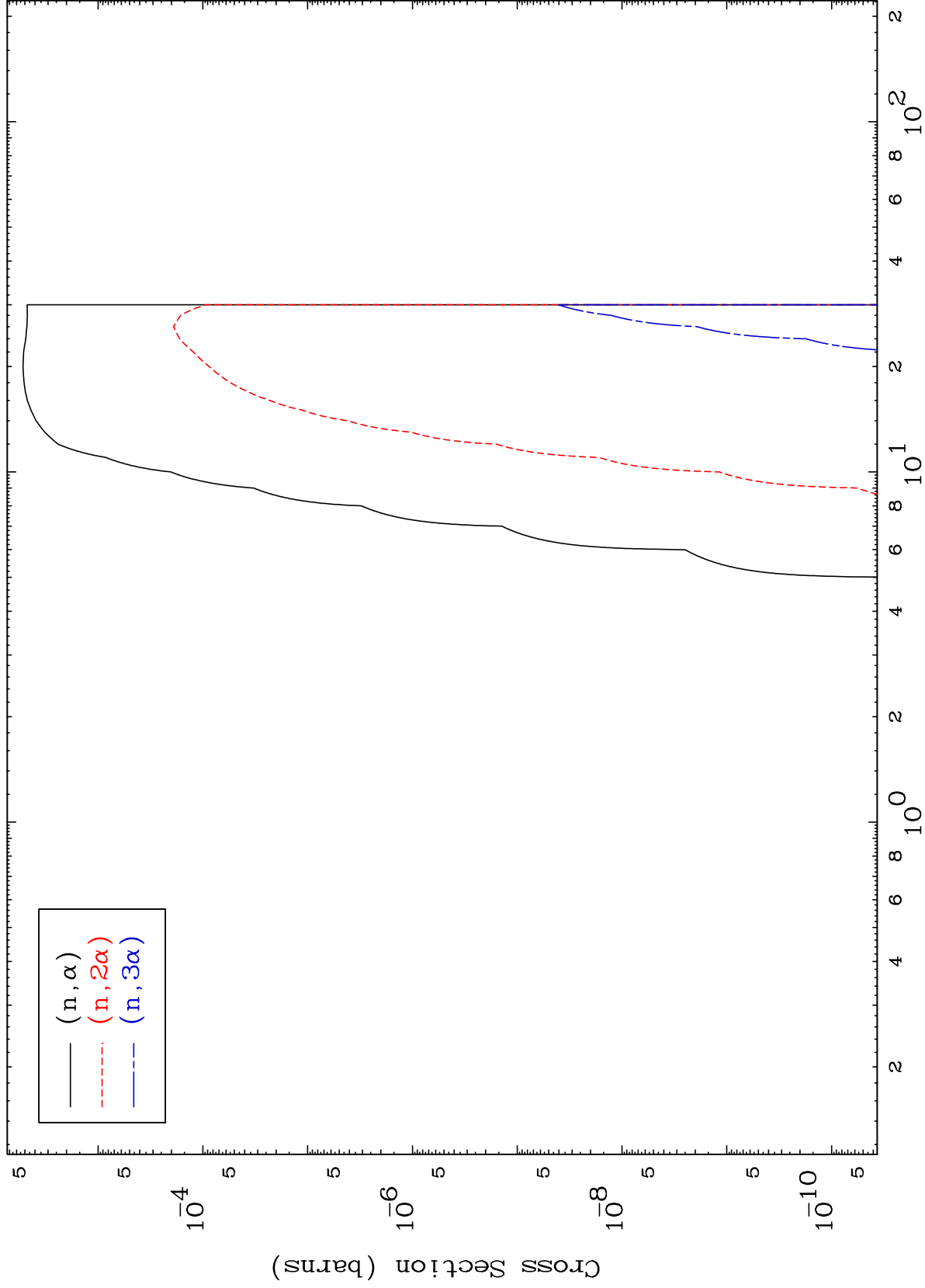
40-Zr-85m

MAT 4011

(He-3, α) Levels

40-Zr-85m

0 Kelvin Cross Sections

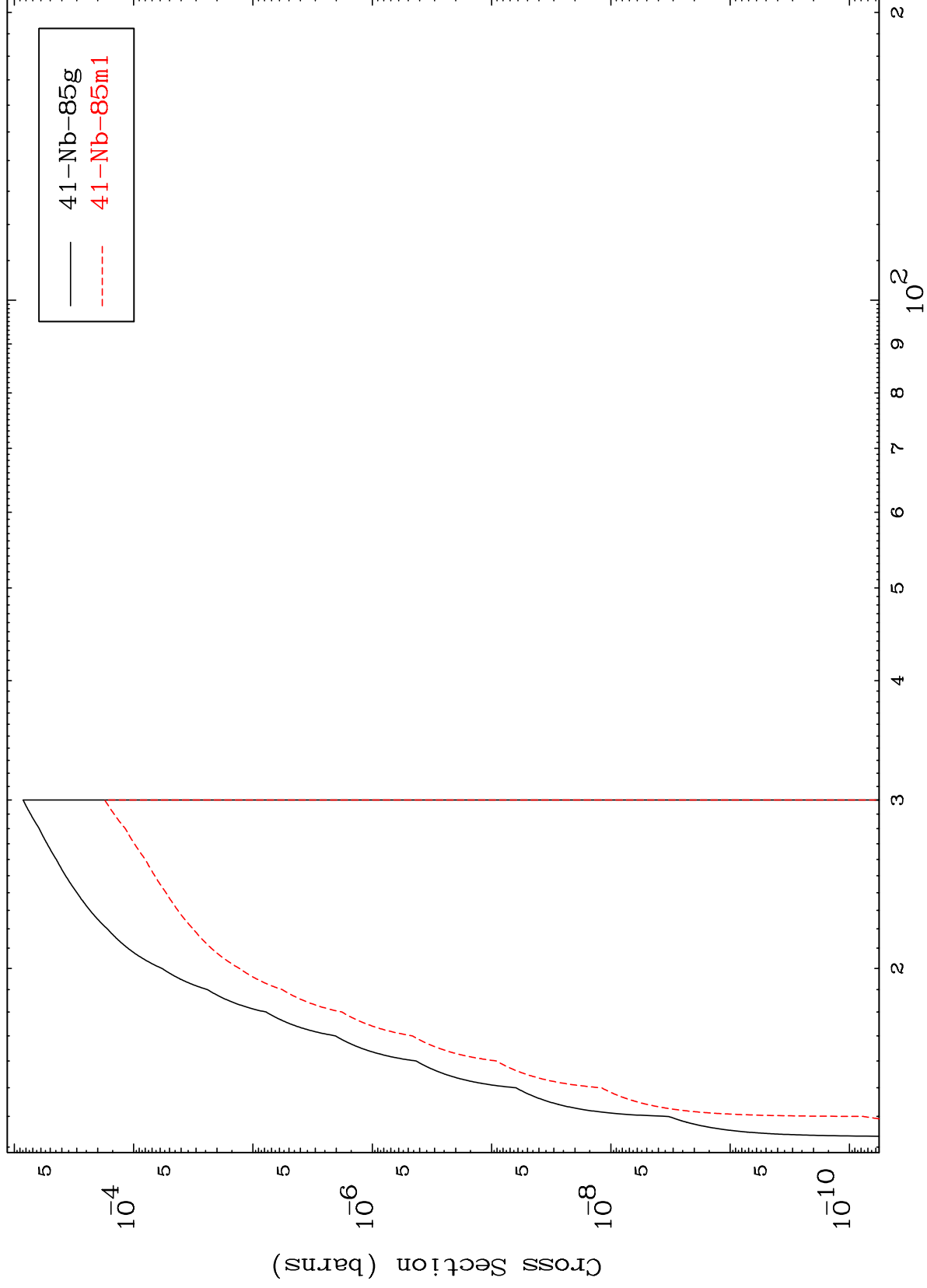


MAT 4011

(n,n') d

40-Zr-85m

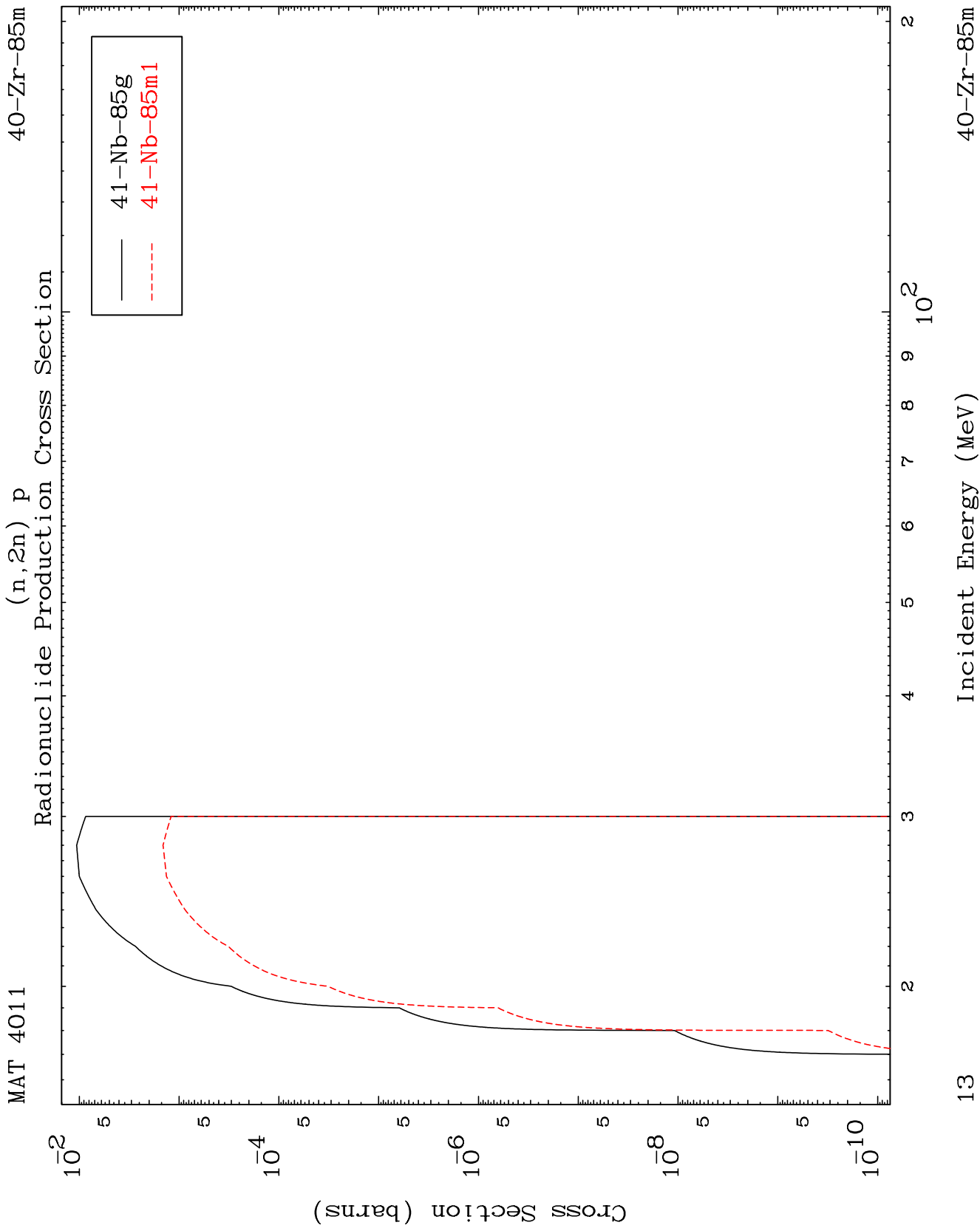
Radionuclide Production Cross Section



12

Incident Energy (MeV)

40-Zr-85m

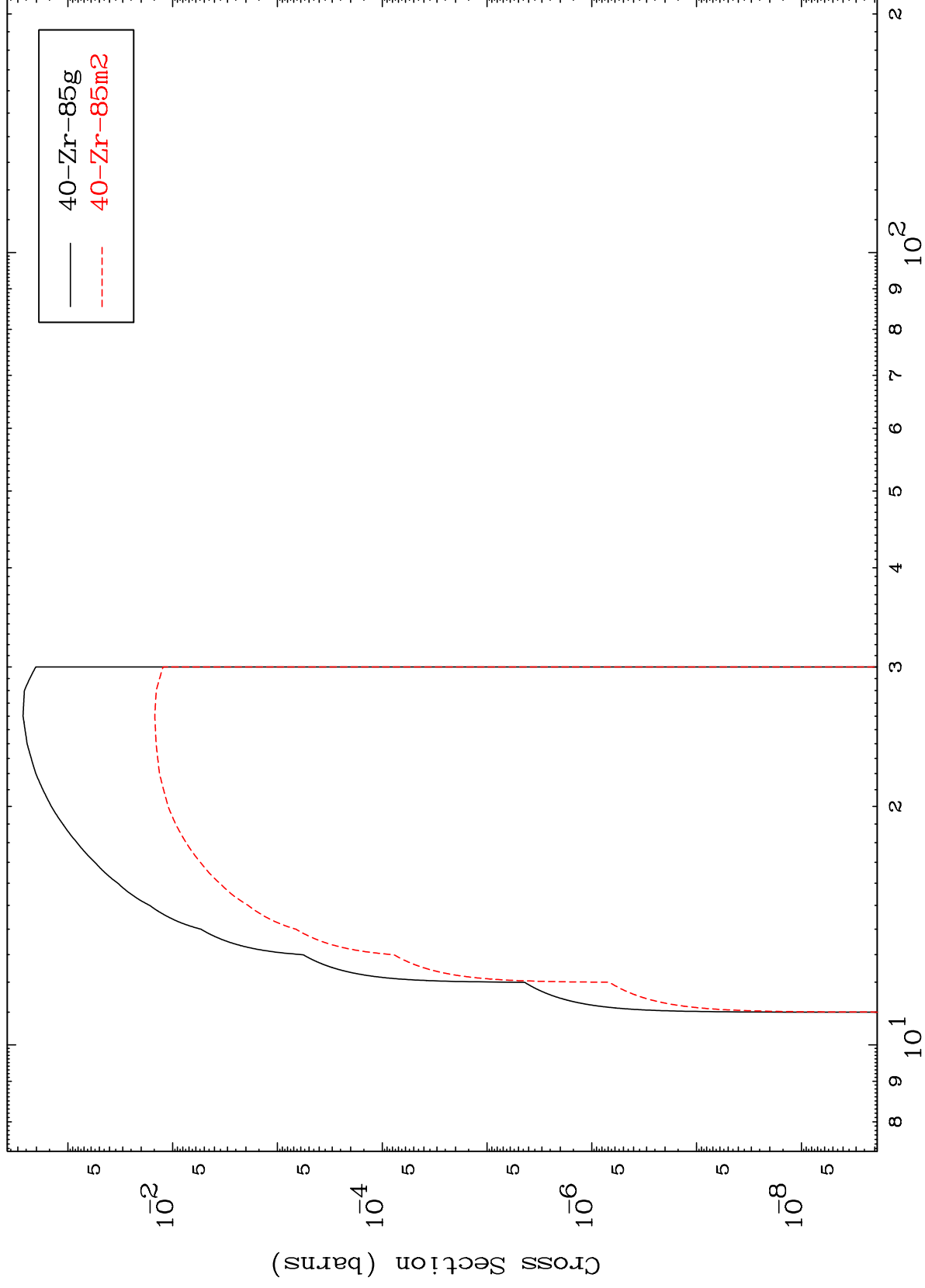


MAT 4011

(n,2n) p

40-Zr-85m

Radionuclide Production Cross Section



14

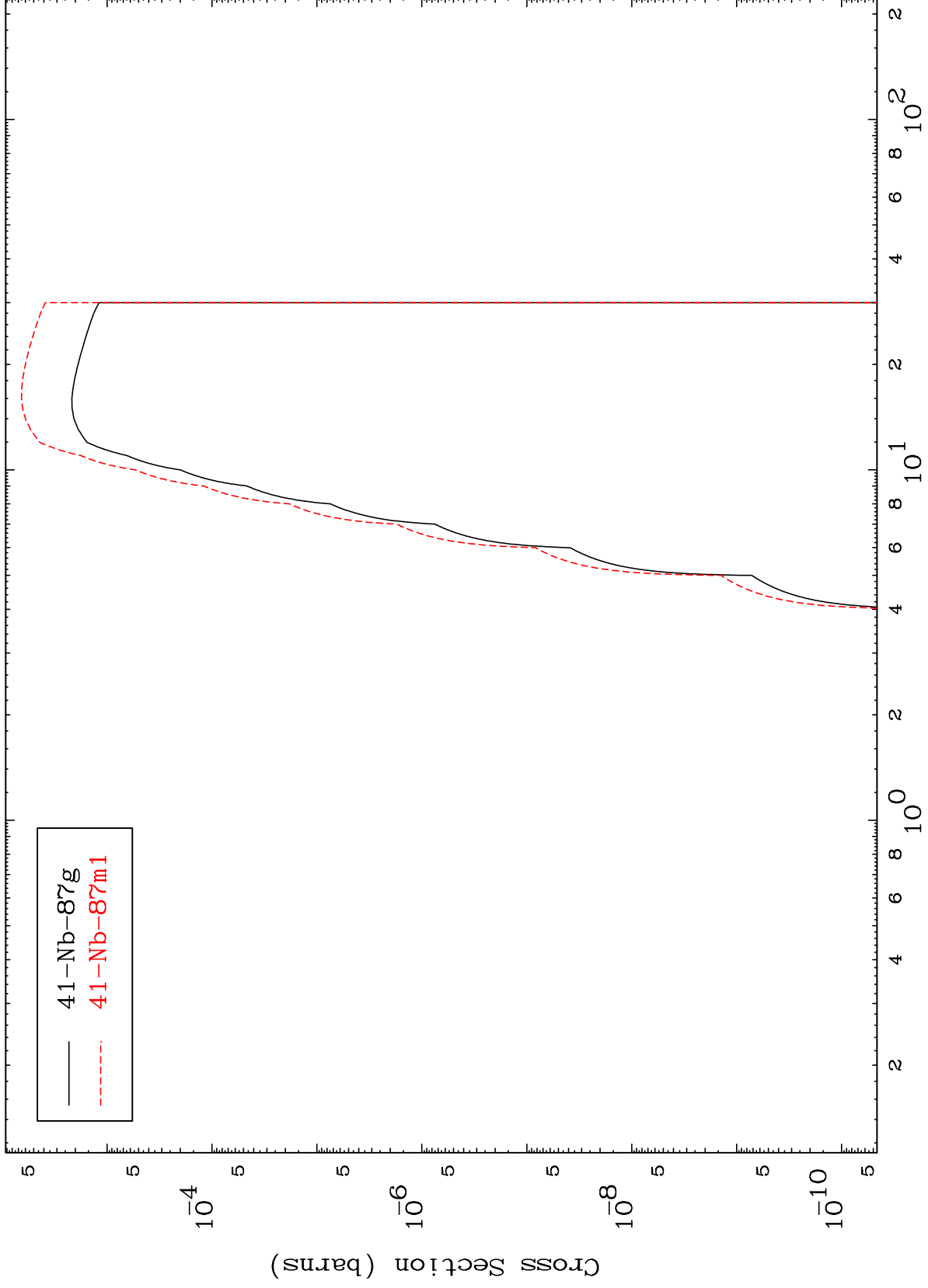
Incident Energy (MeV)

40-Zr-85m

MAT 4011

40-Zr-85m

(n,p)
Radionuclide Production Cross Section

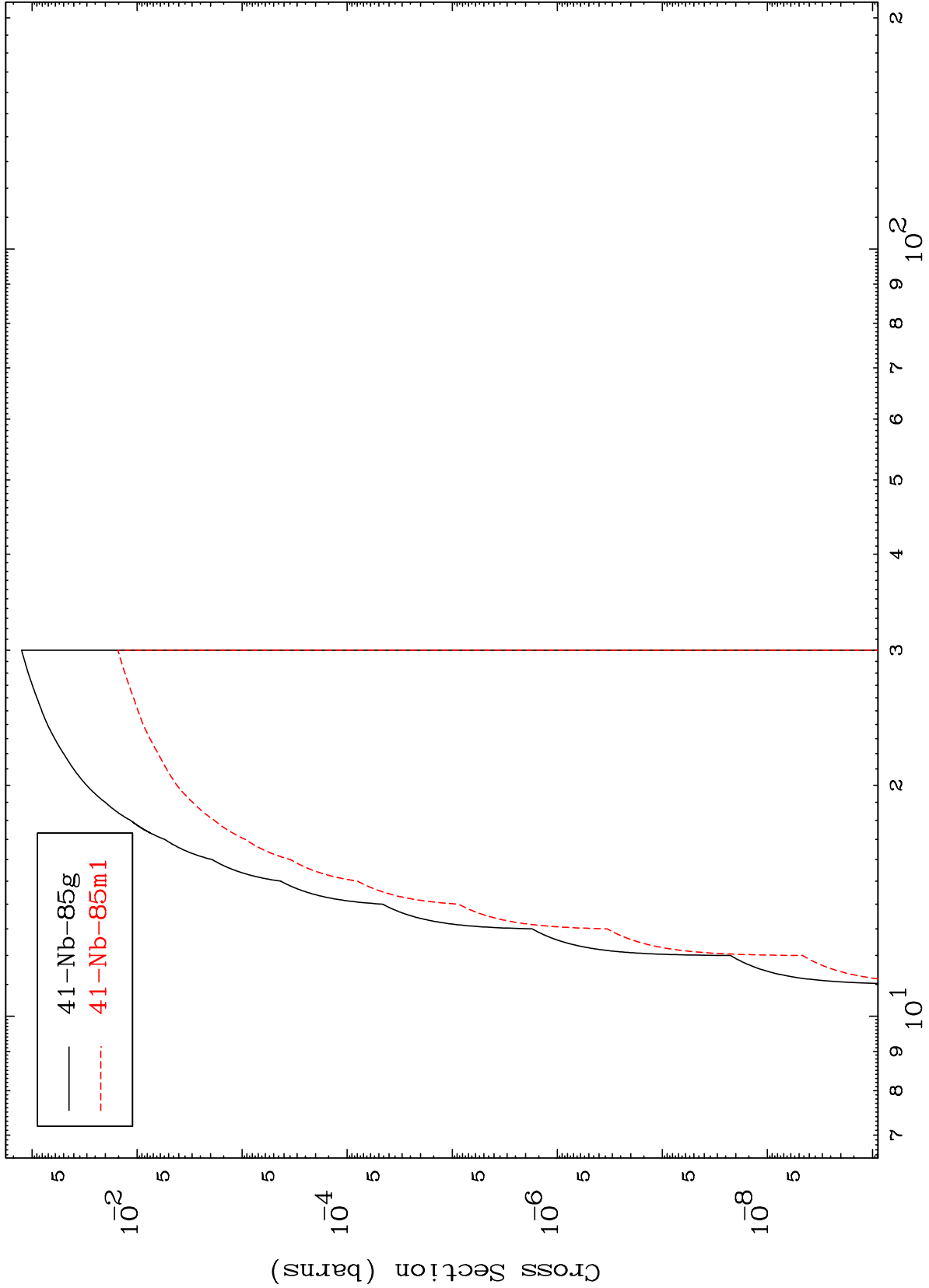


— 41-Nb-87g
- - - 41-Nb-87m1

MAT 4011

40-Zr-85m

(n, t)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

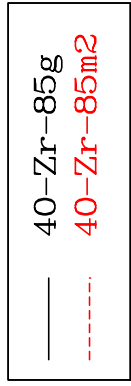
40-Zr-85m

MAT 4011

(n,He-3)

40-Zr-85m

Radionuclide Production Cross Section



10^{-2}

5

5

10^{-4}

5

10^{-6}

5

10^{-8}

5

5

5

5

2

4

6

8

10⁰

2

4

6

8

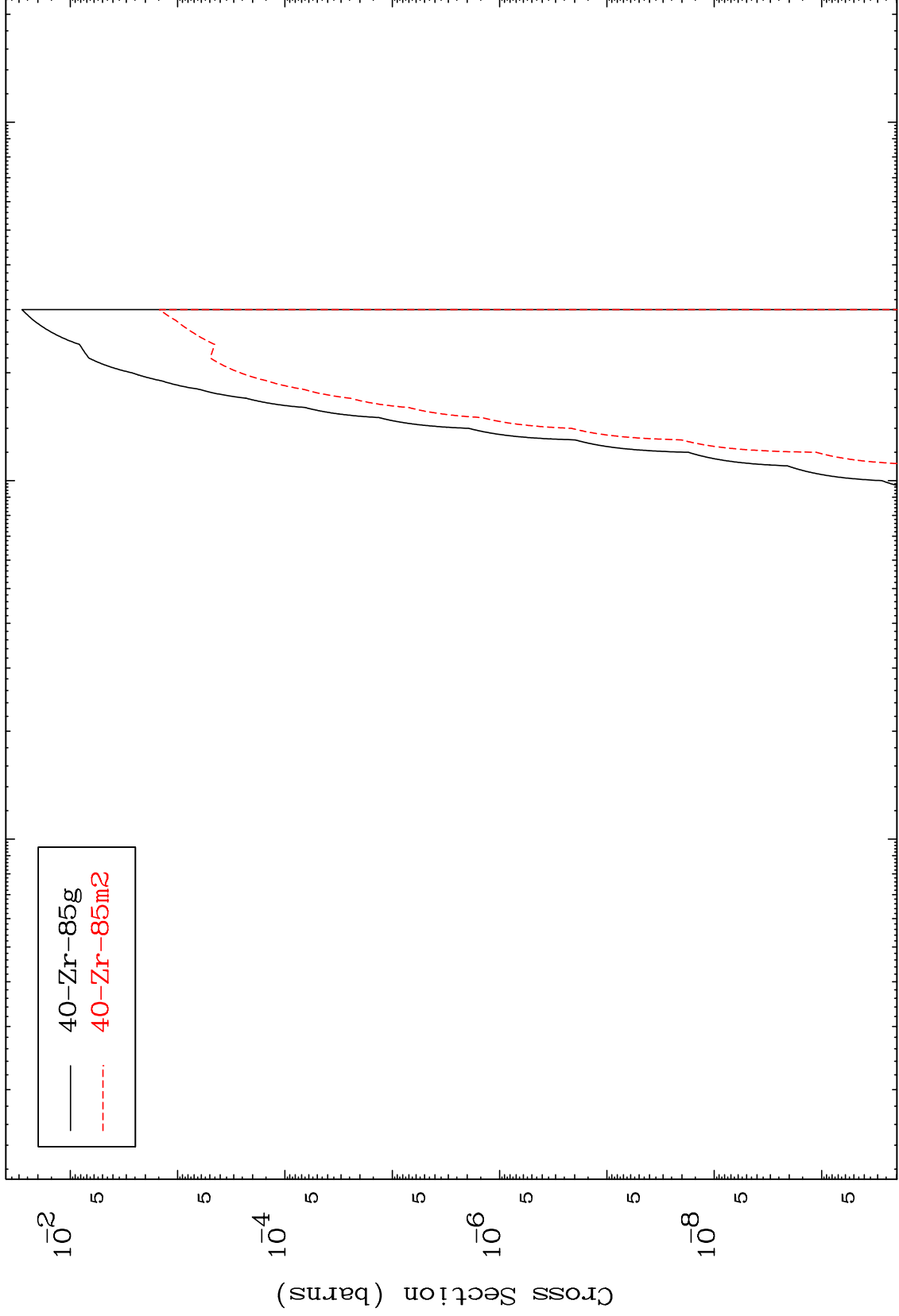
10²

2

17

Incident Energy (MeV)

40-Zr-85m

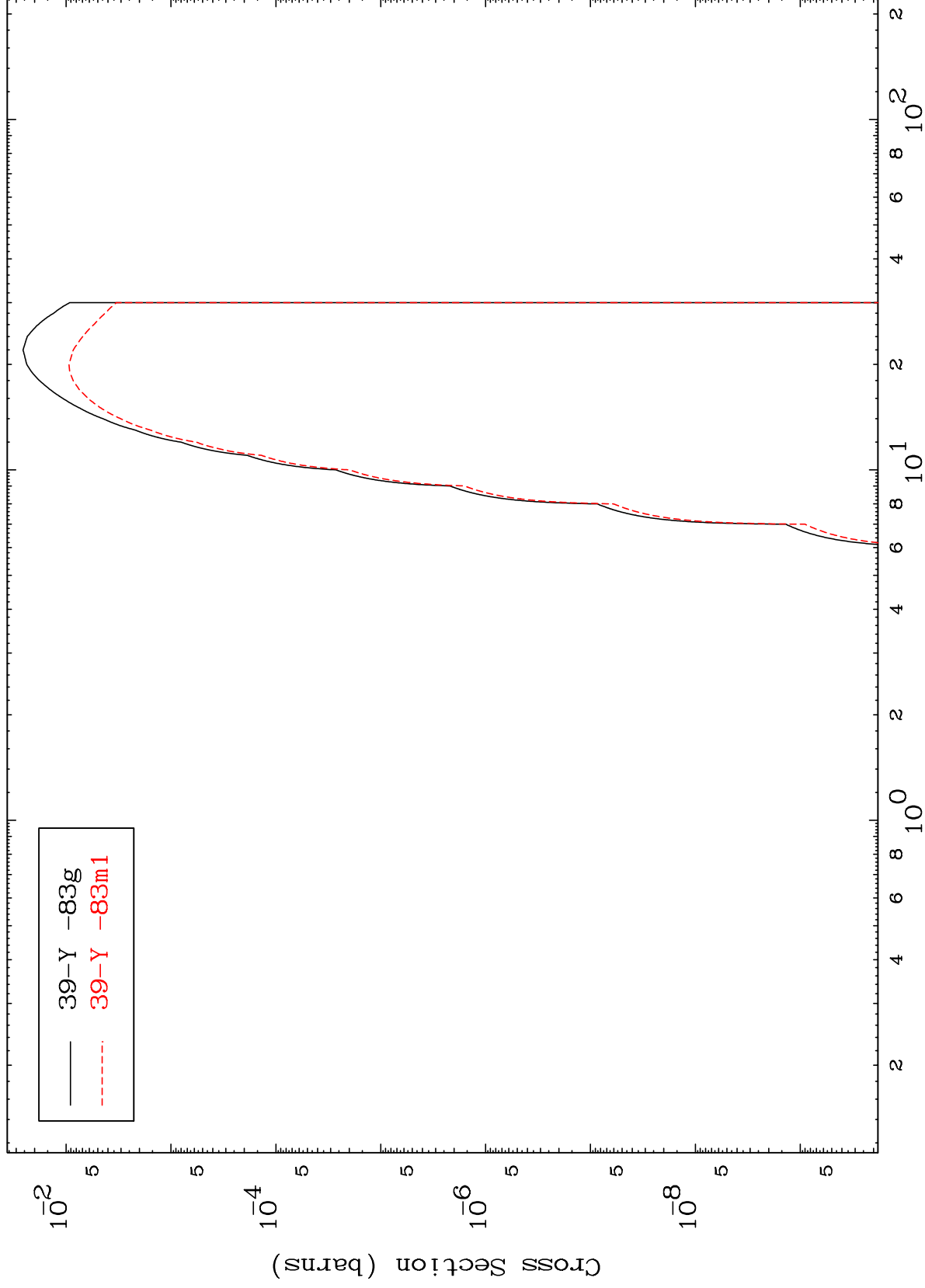


MAT 4011

(n,p) α

40-Zr-85m

Radionuclide Production Cross Section

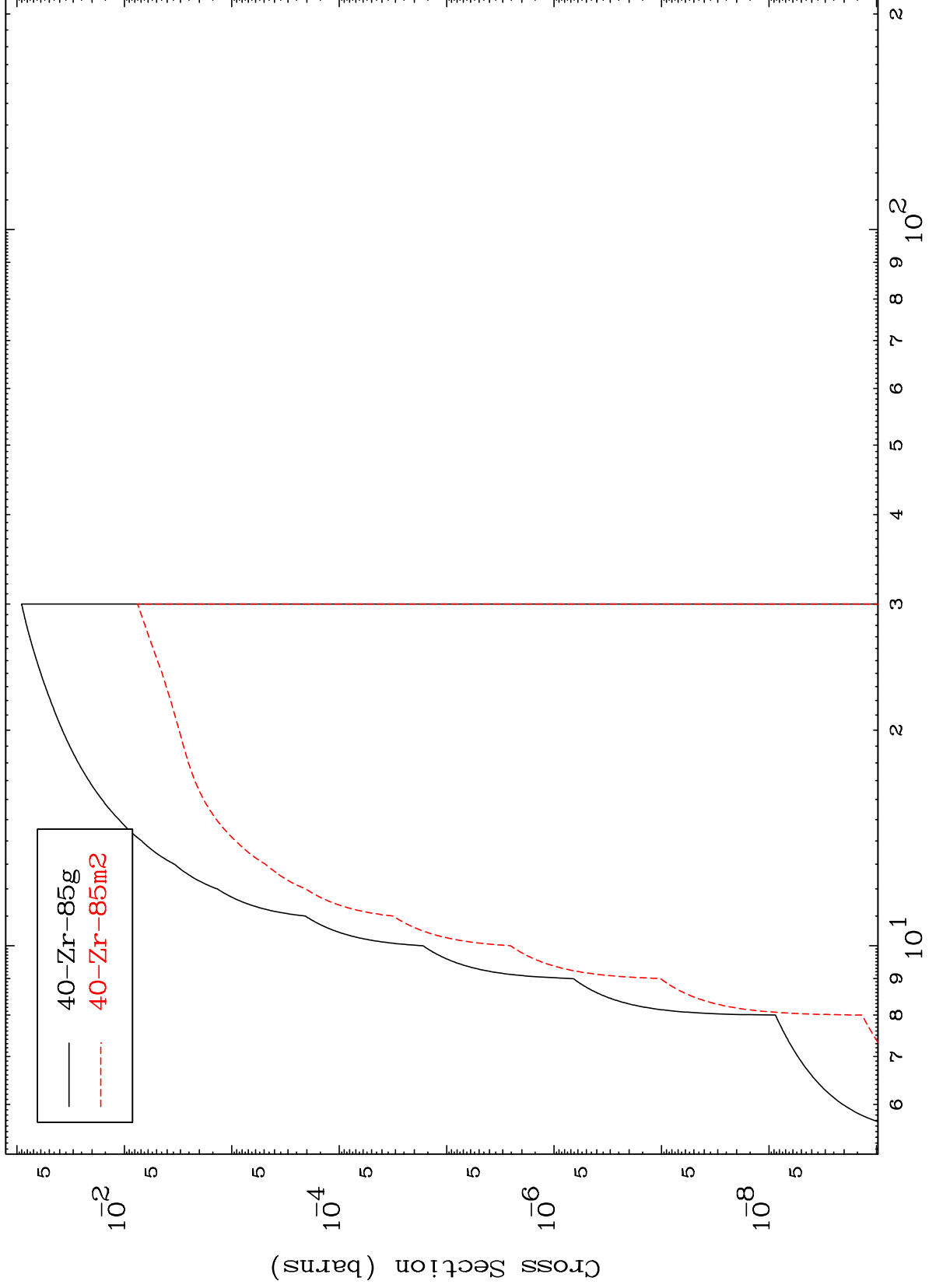


MAT 4011

(n,p) d

40-Zr-85m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

40-Zr-85m