

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

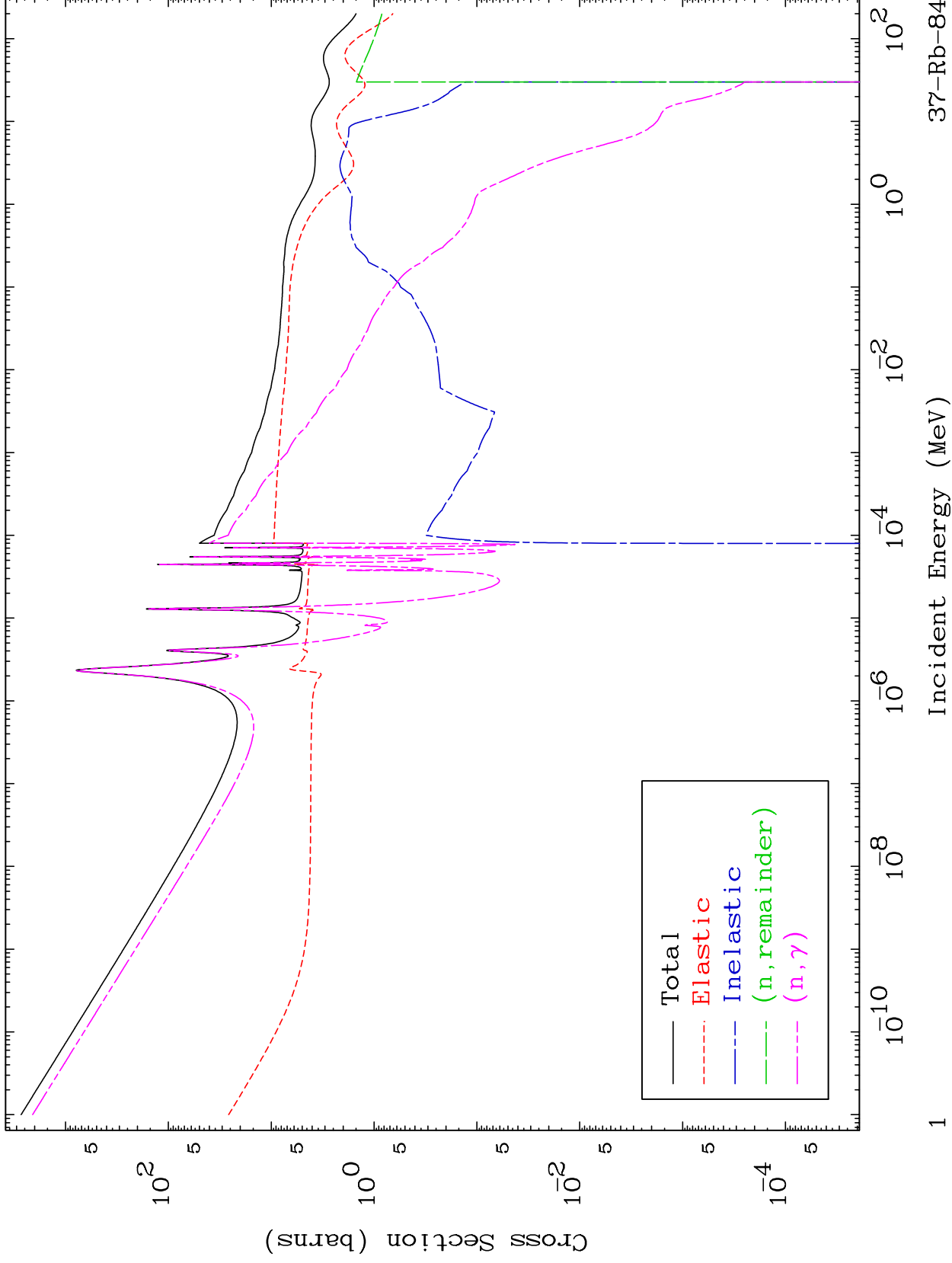
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3723

Major
293 Kelvin Cross Sections

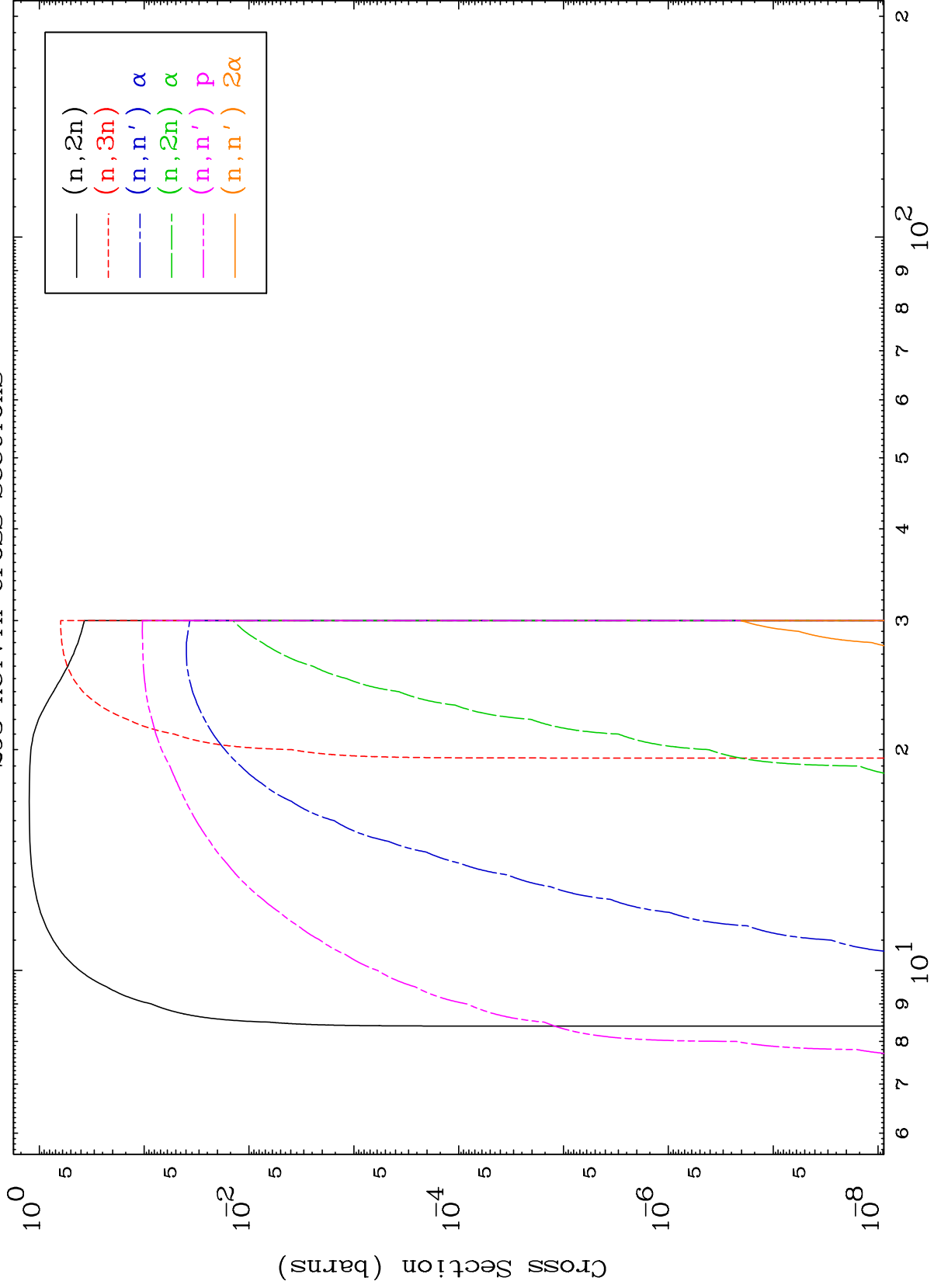
37-Rb-84



MAT 3723

Neutron Production
293 Kelvin Cross Sections

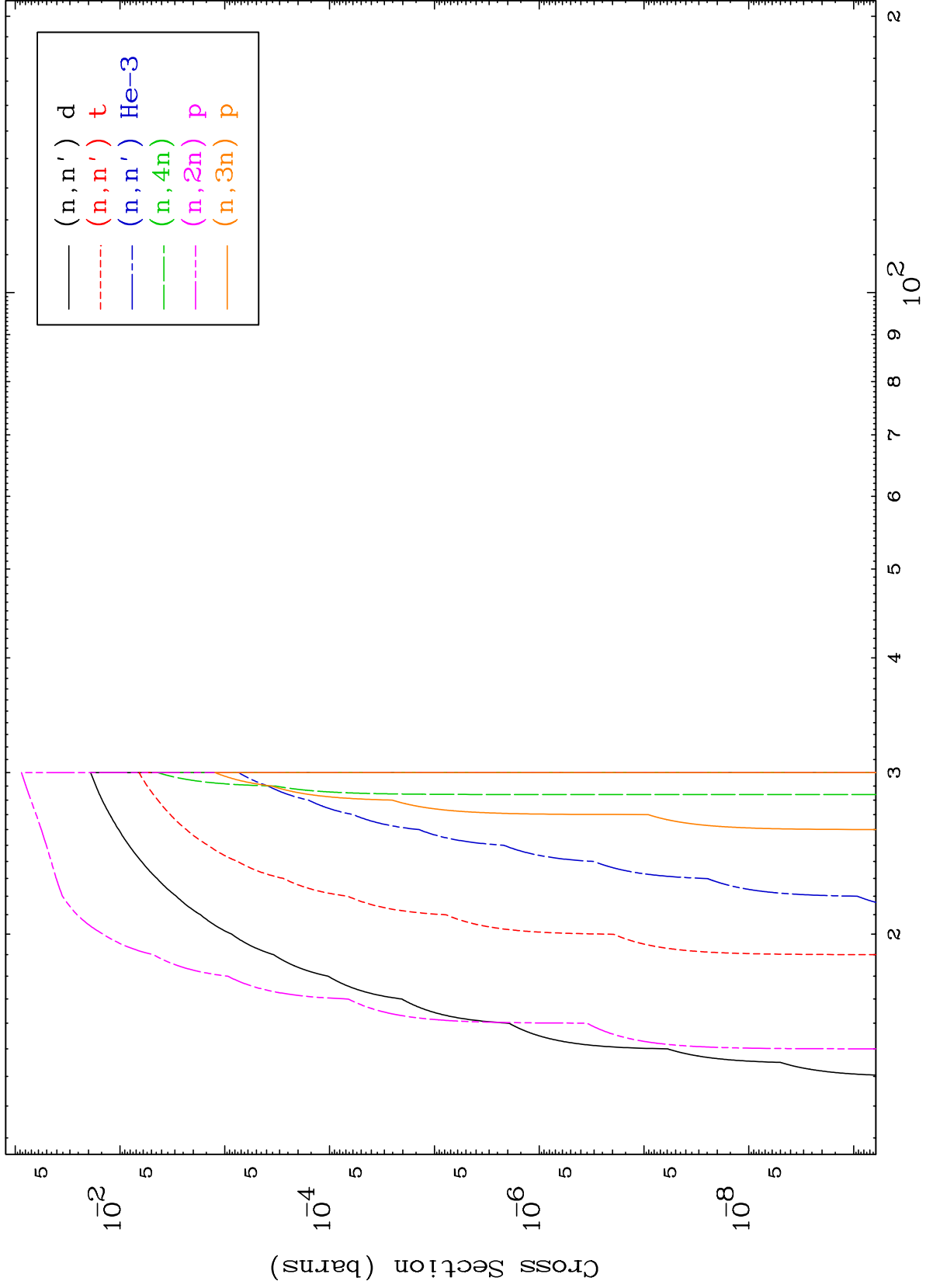
37-Rb-84

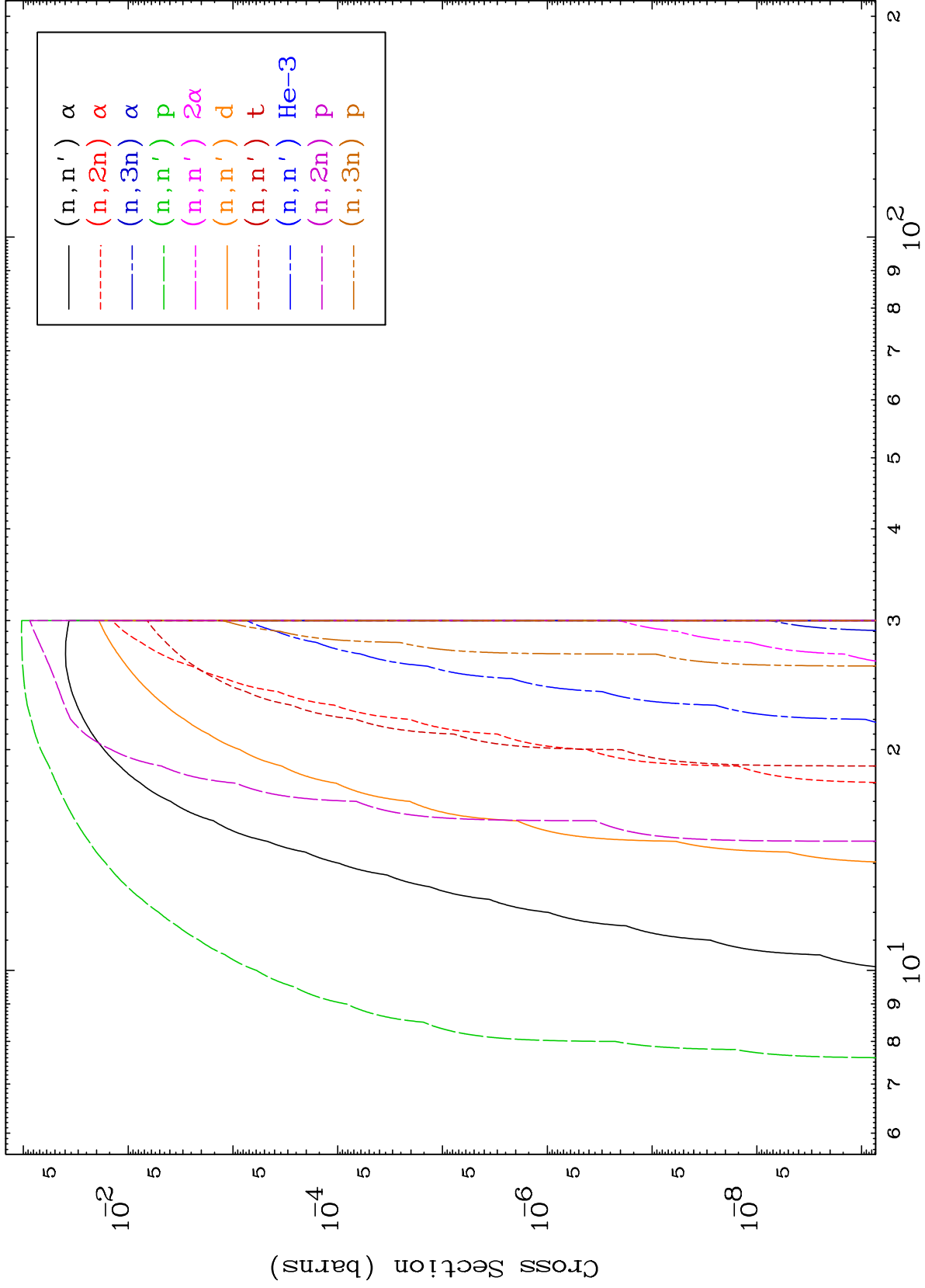


2

Incident Energy (MeV)

37-Rb-84

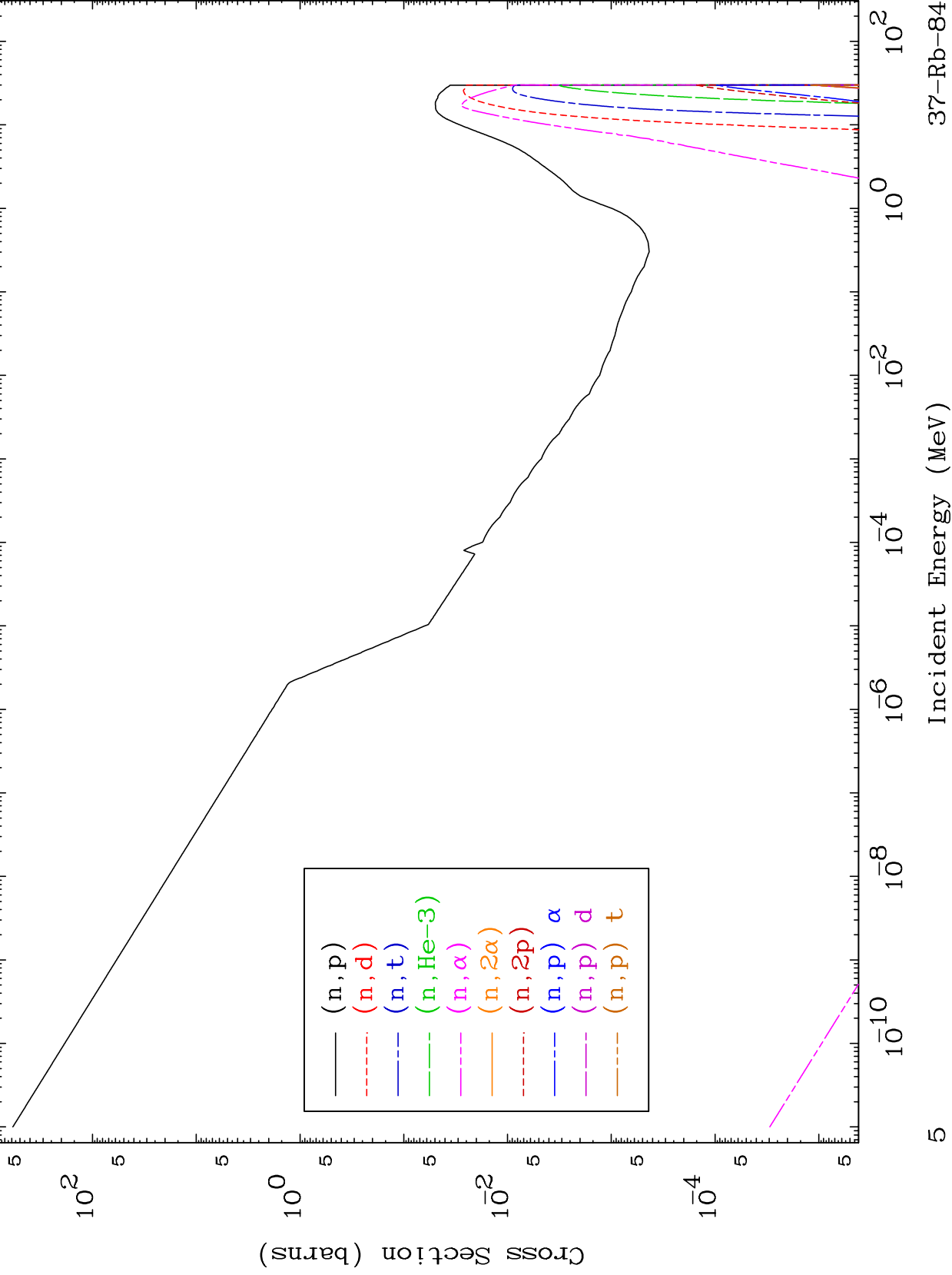




MAT 3723

Charged Particle
293 Kelvin Cross Sections

37-Rb-84



5

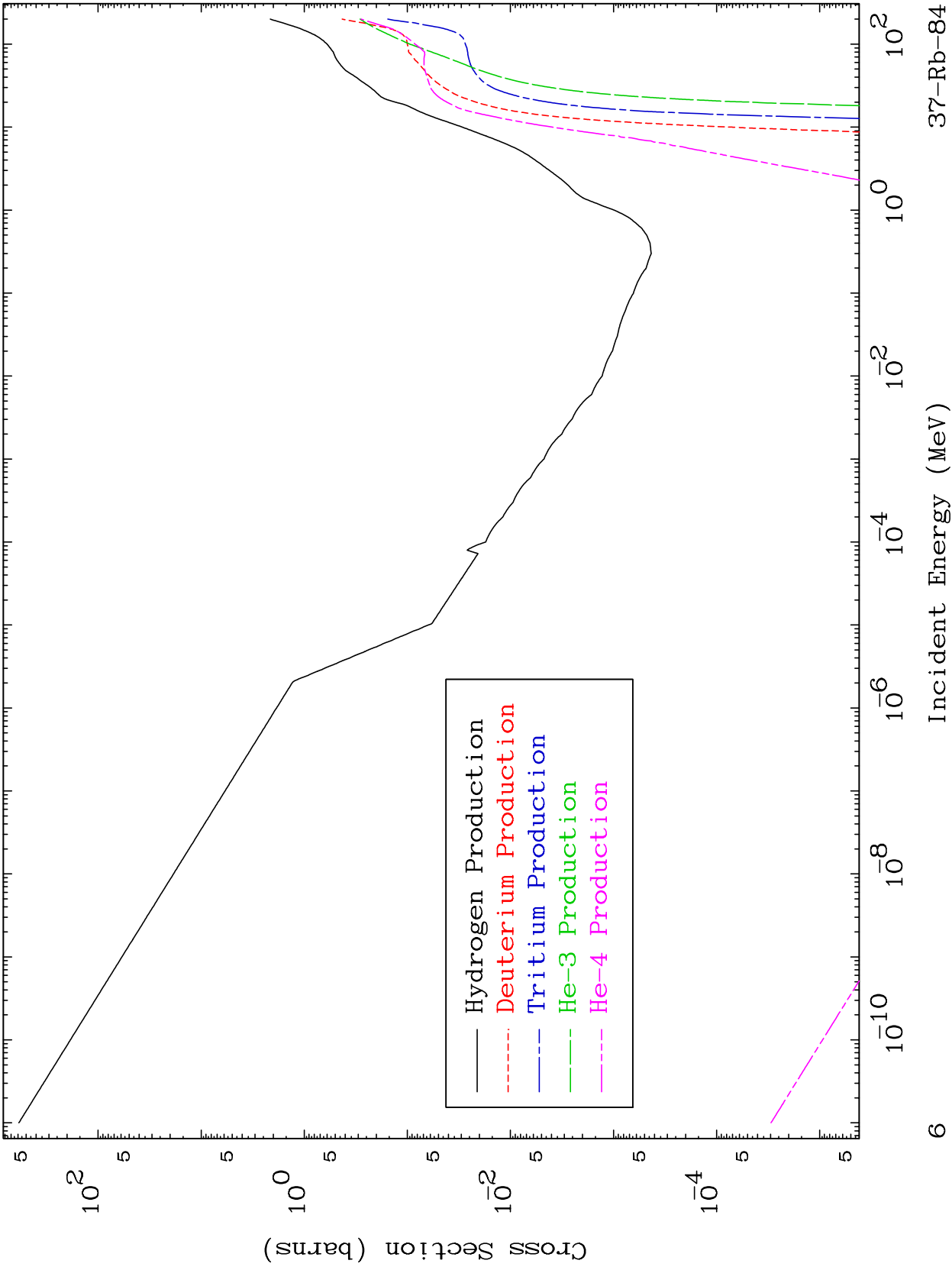
Incident Energy (MeV)

37-Rb-84

MAT 3723

Particle Production
293 Kelvin Cross Sections

37-Rb-84

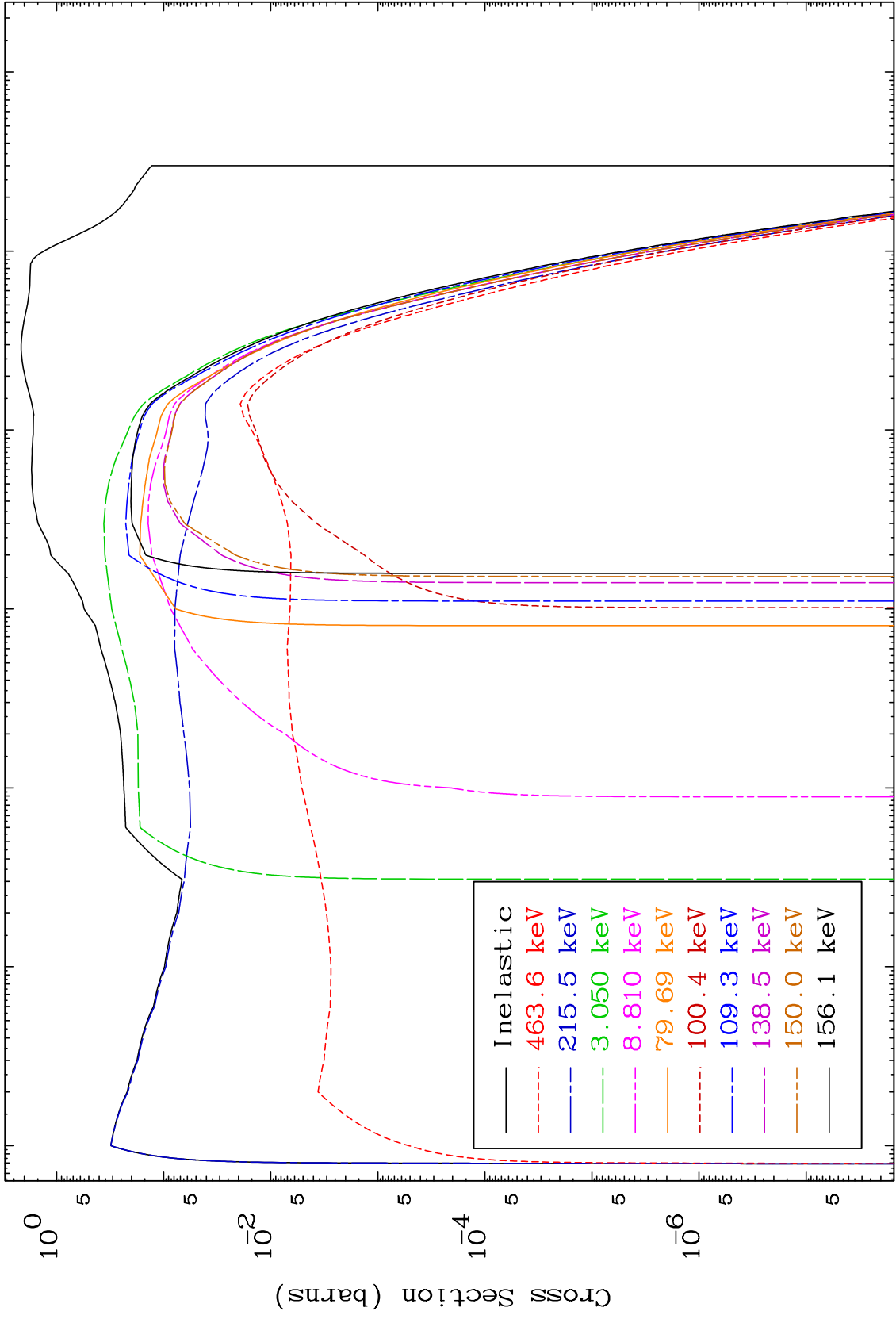


6

MAT 3723

(n,n') Level
293 Kelvin Cross Sections

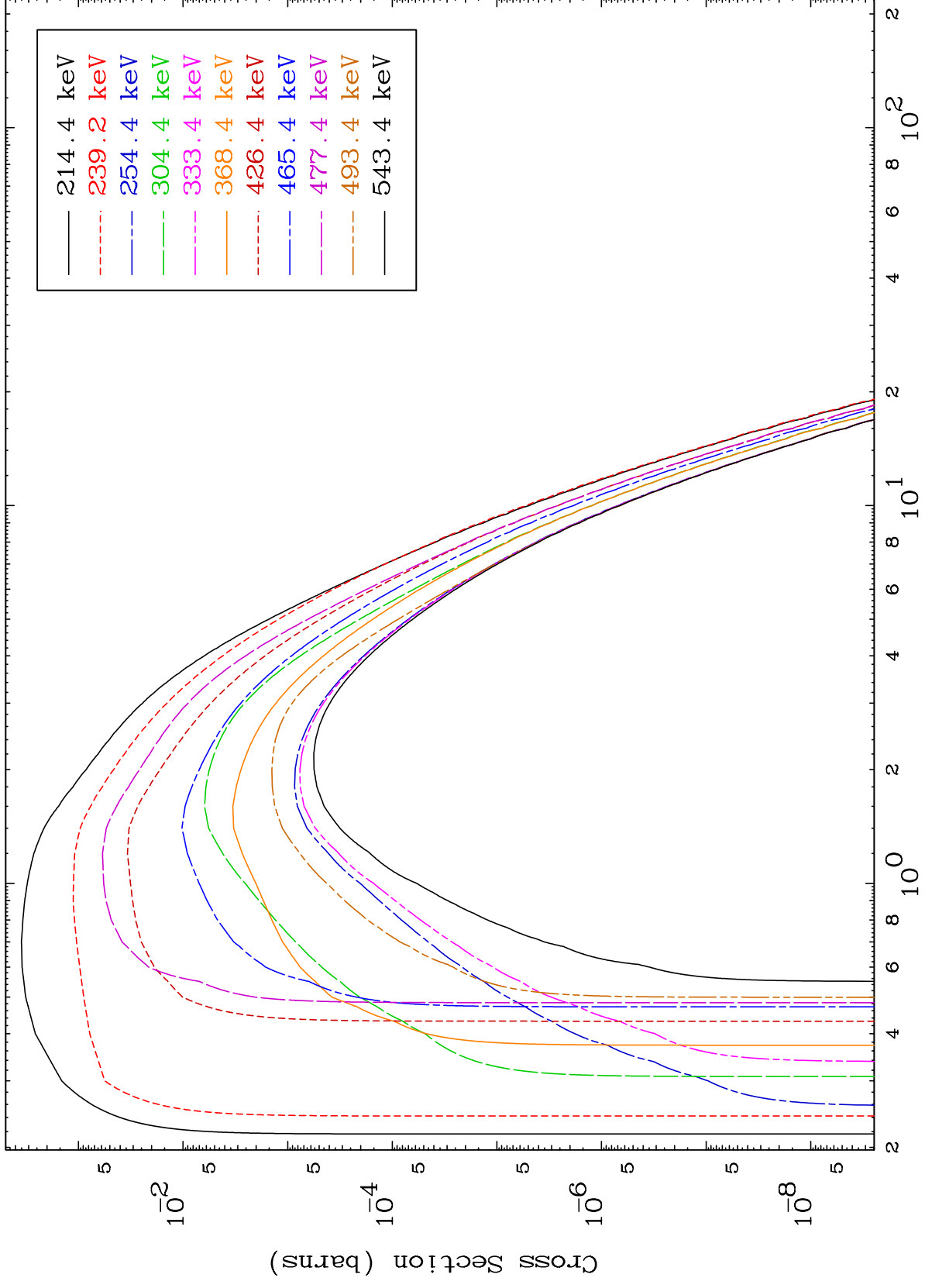
37-Rb-84



MAT 3723

(n,n') Level
293 Kelvin Cross Sections

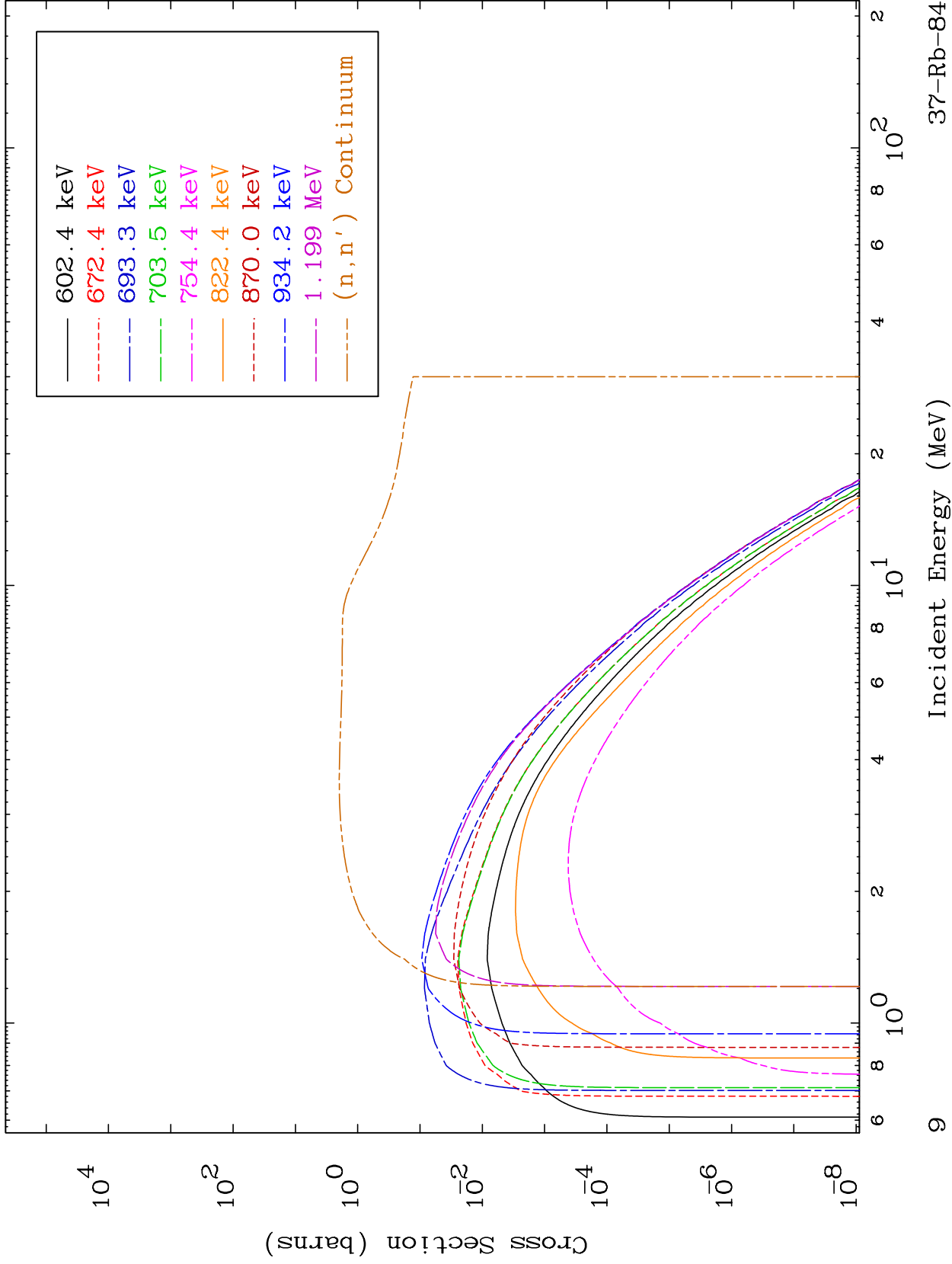
37-Rb-84



8

Incident Energy (MeV)

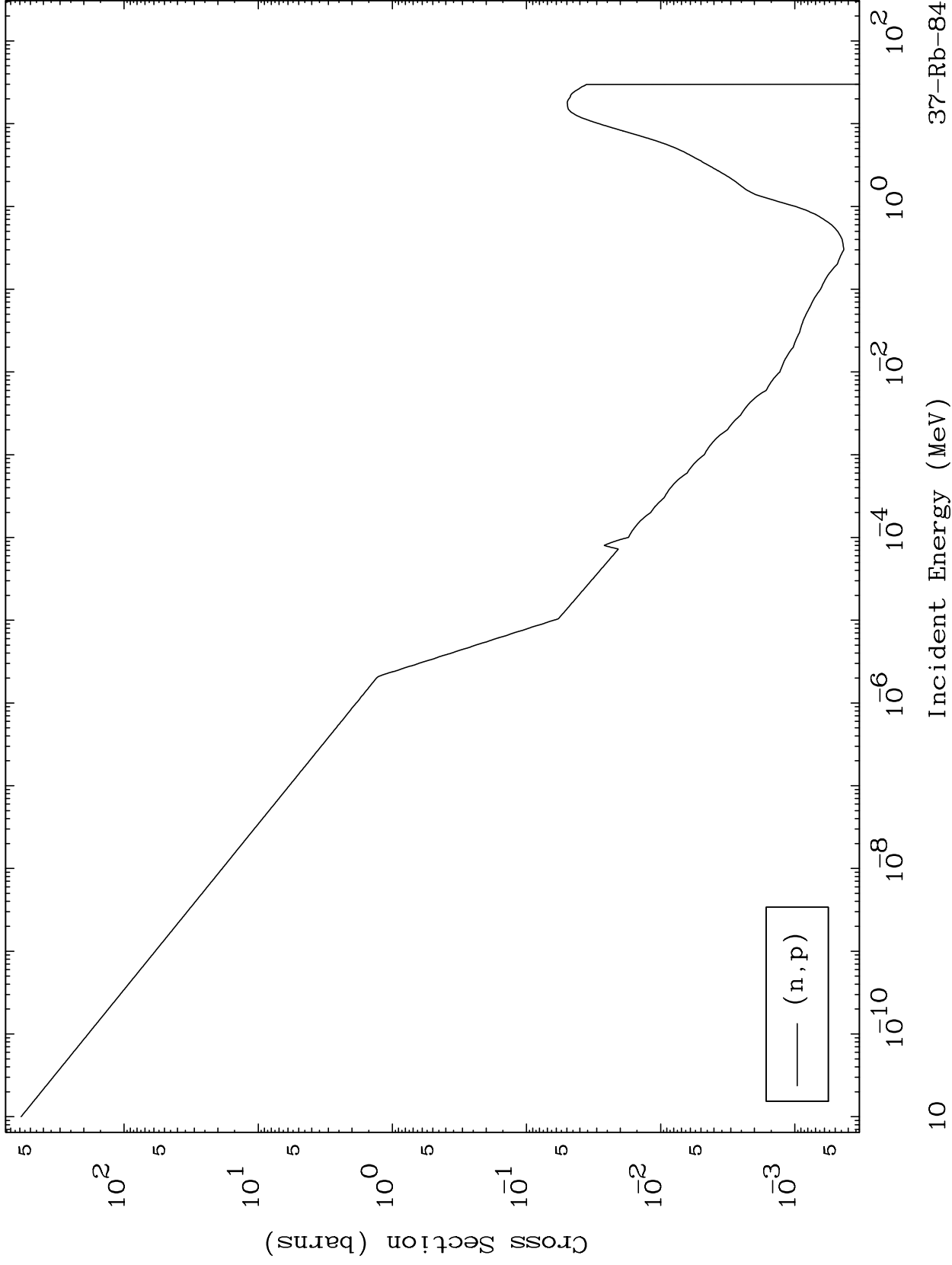
37-Rb-84



MAT 3723

(n,p) Levels
293 Kelvin Cross Sections

37-Rb-84



10

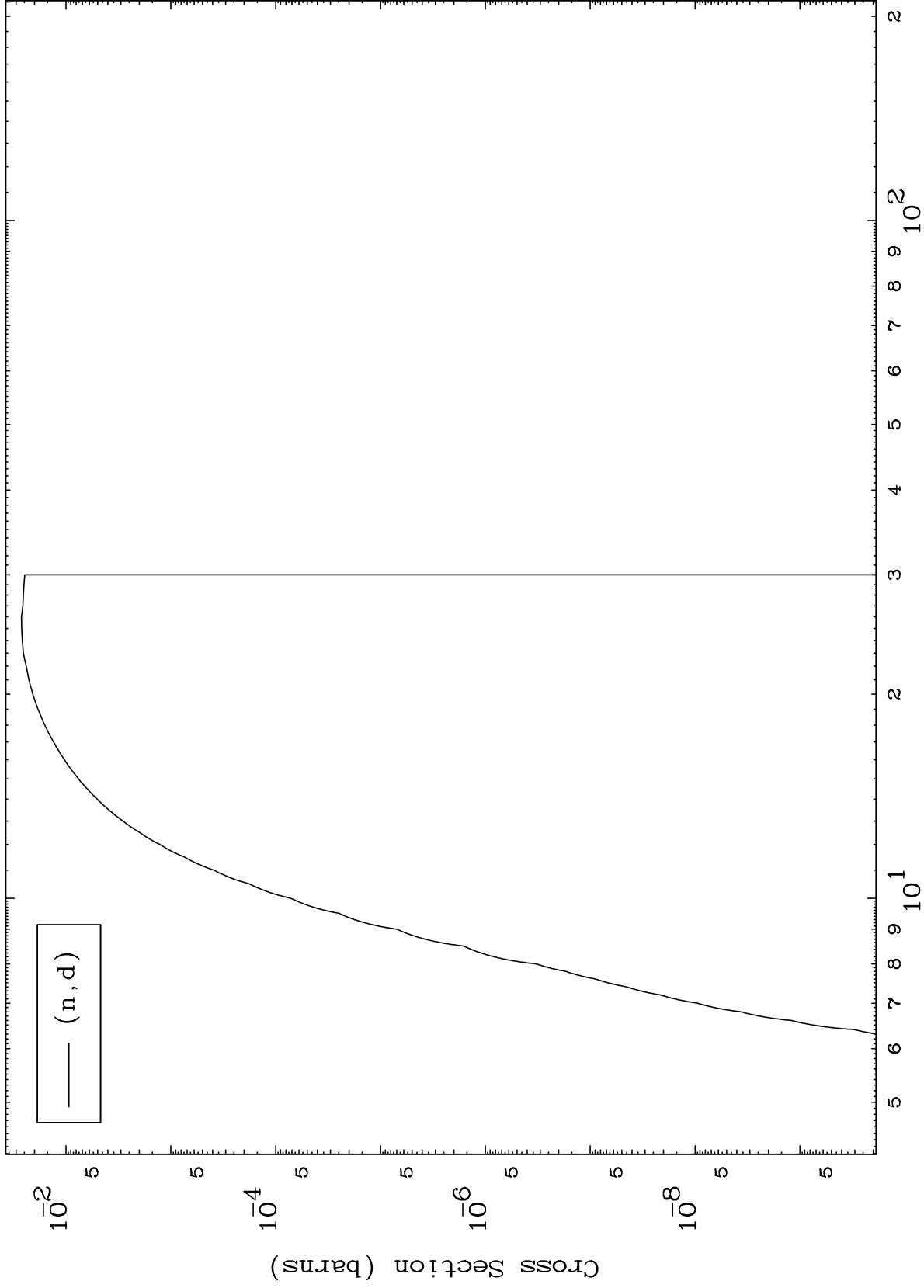
Incident Energy (MeV)

37-Rb-84

MAT 3723

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-84



11

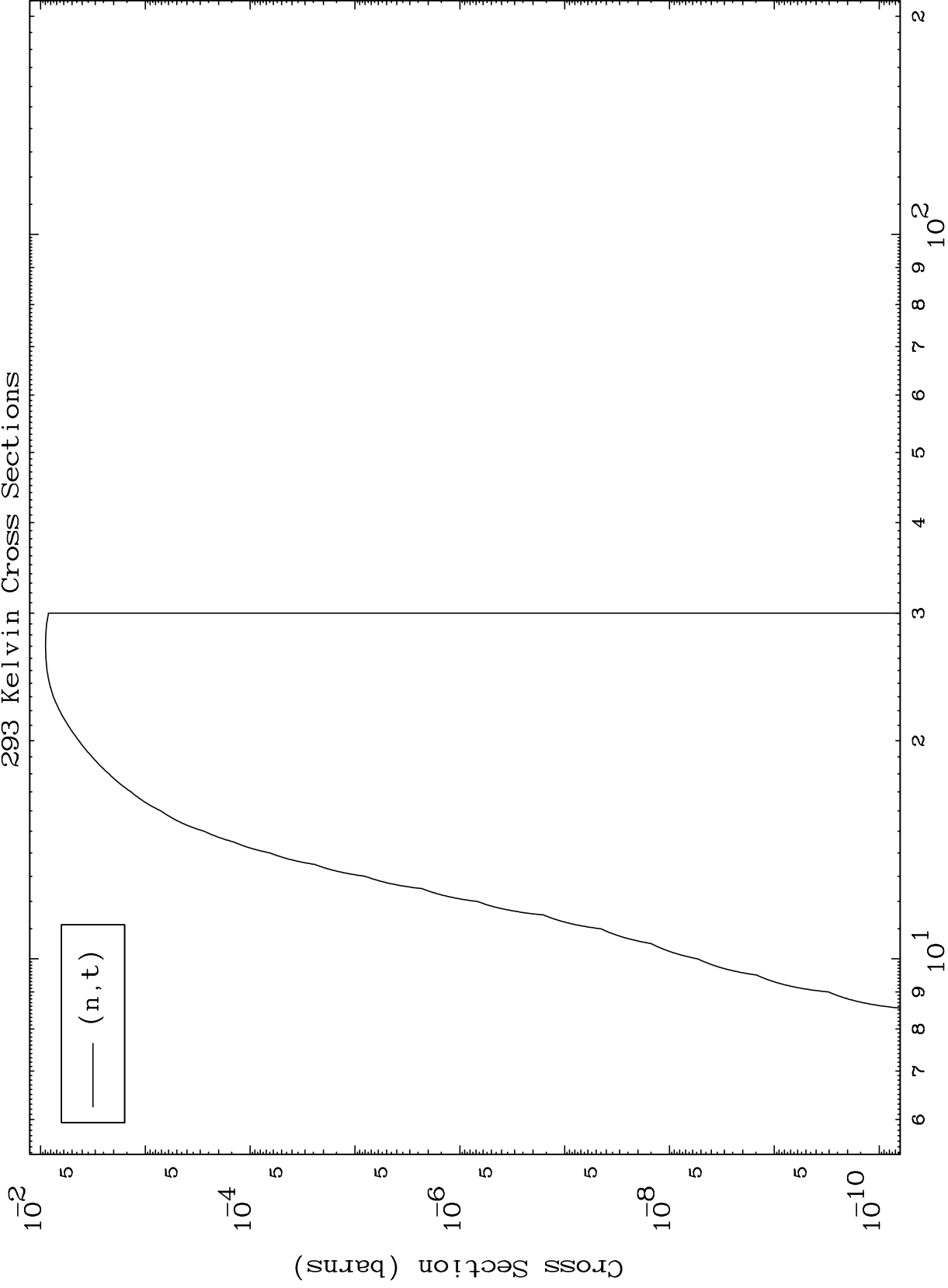
Incident Energy (MeV)

37-Rb-84

MAT 3723

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-84



12

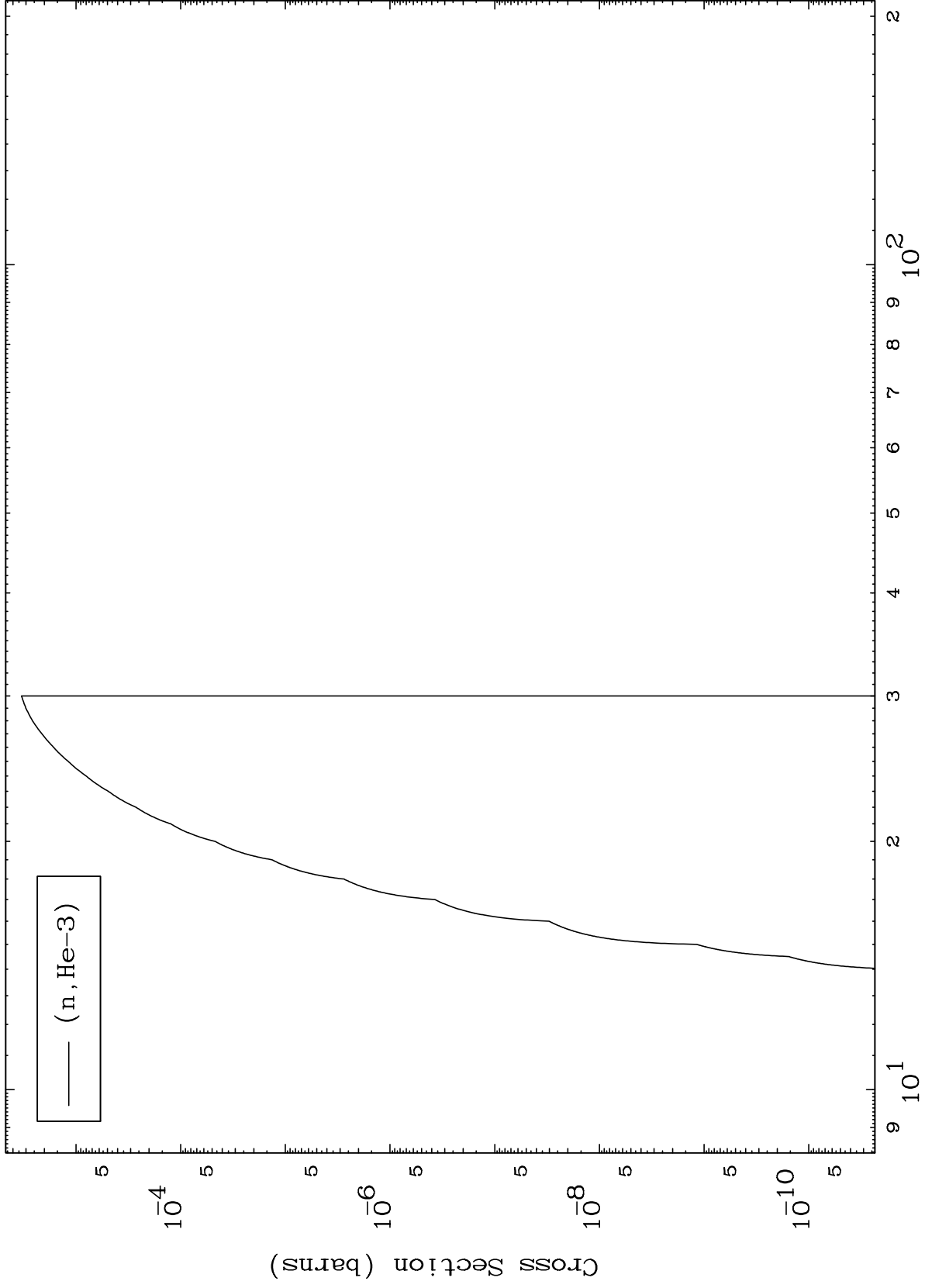
Incident Energy (MeV)

37-Rb-84

MAT 3723

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-84



13

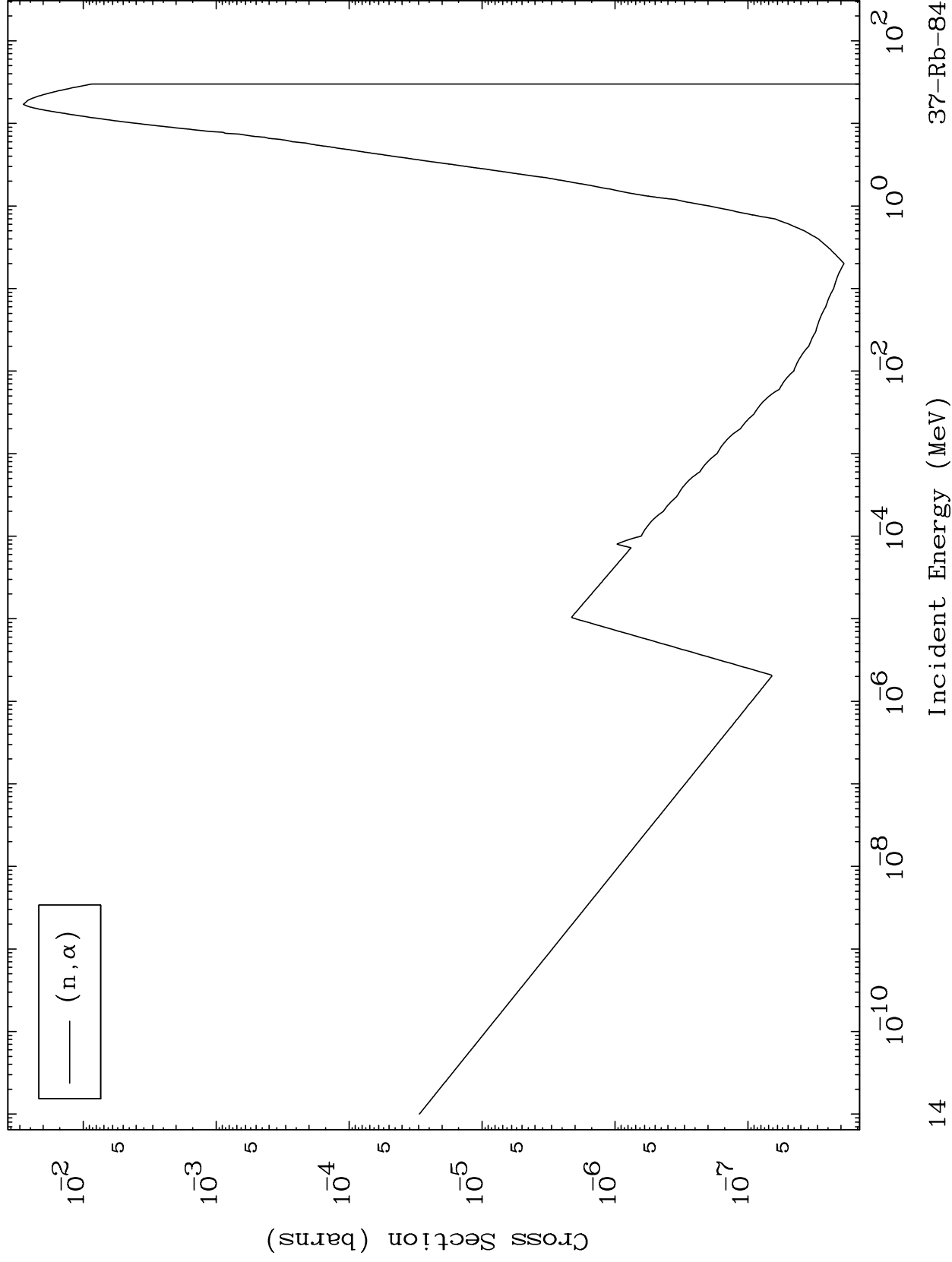
Incident Energy (MeV)

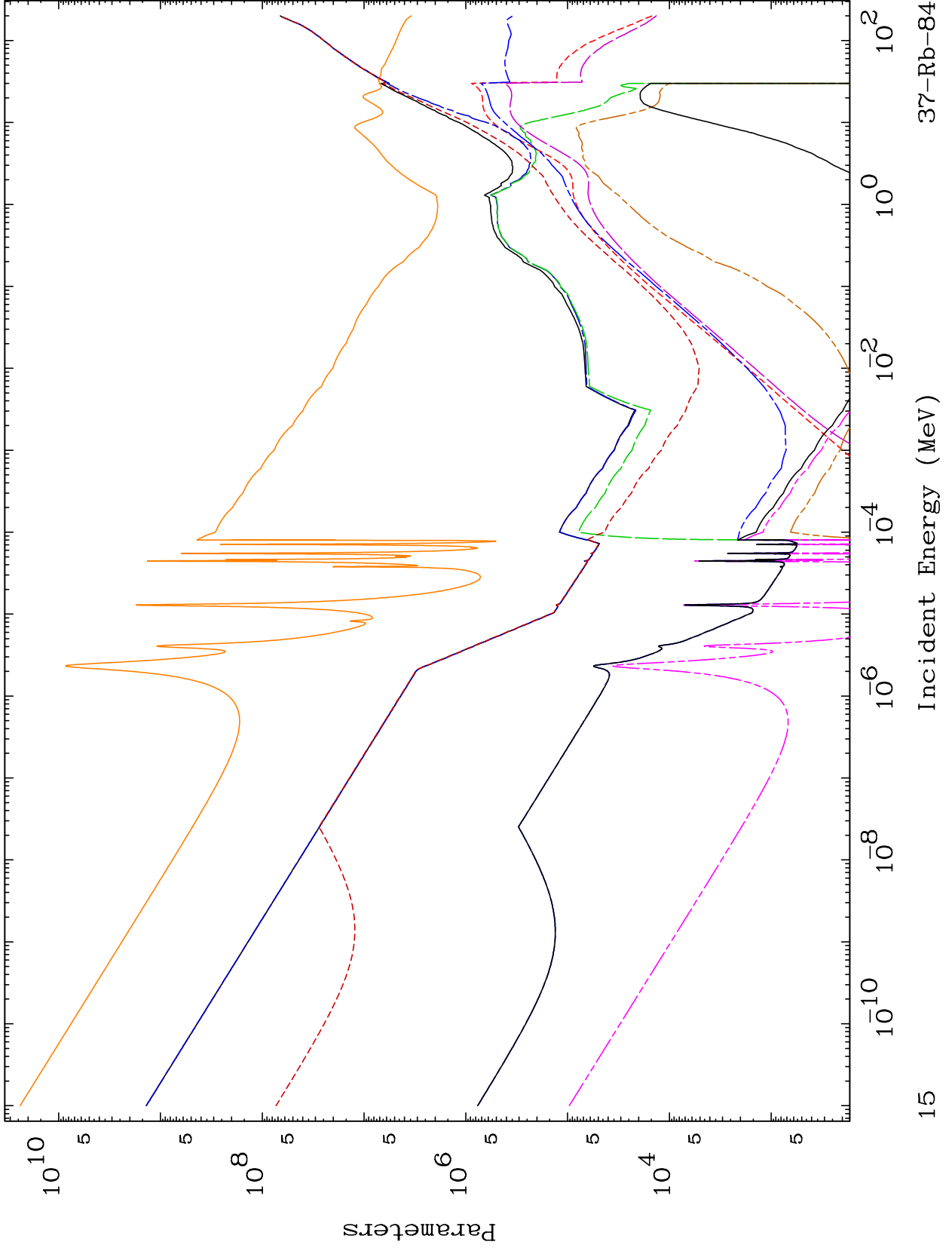
37-Rb-84

MAT 3723

(n, α) Levels
293 Kelvin Cross Sections

37-Rb-84

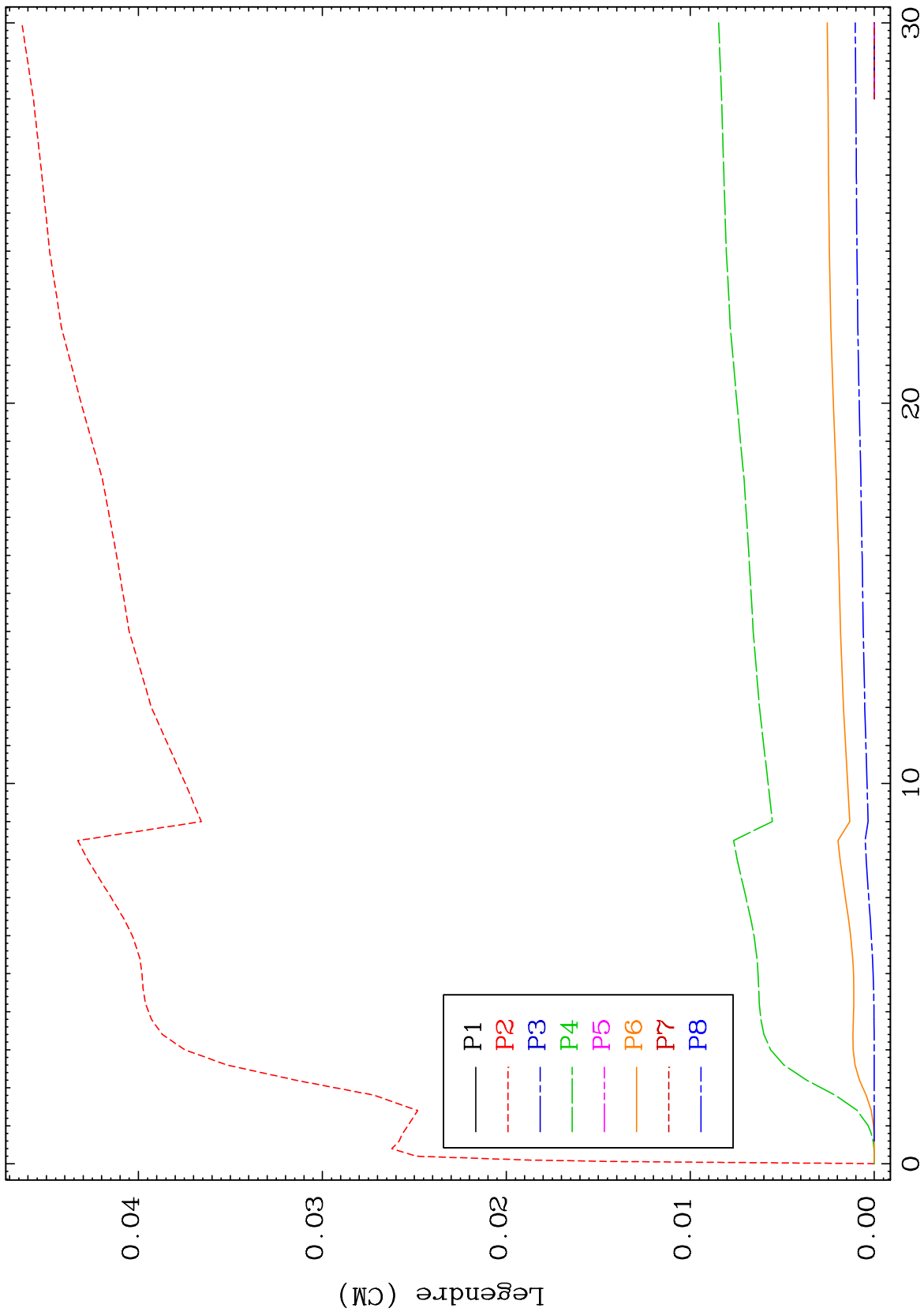




MAT 3723

Elastic Legendre Coefficients

37-Rb-84



16

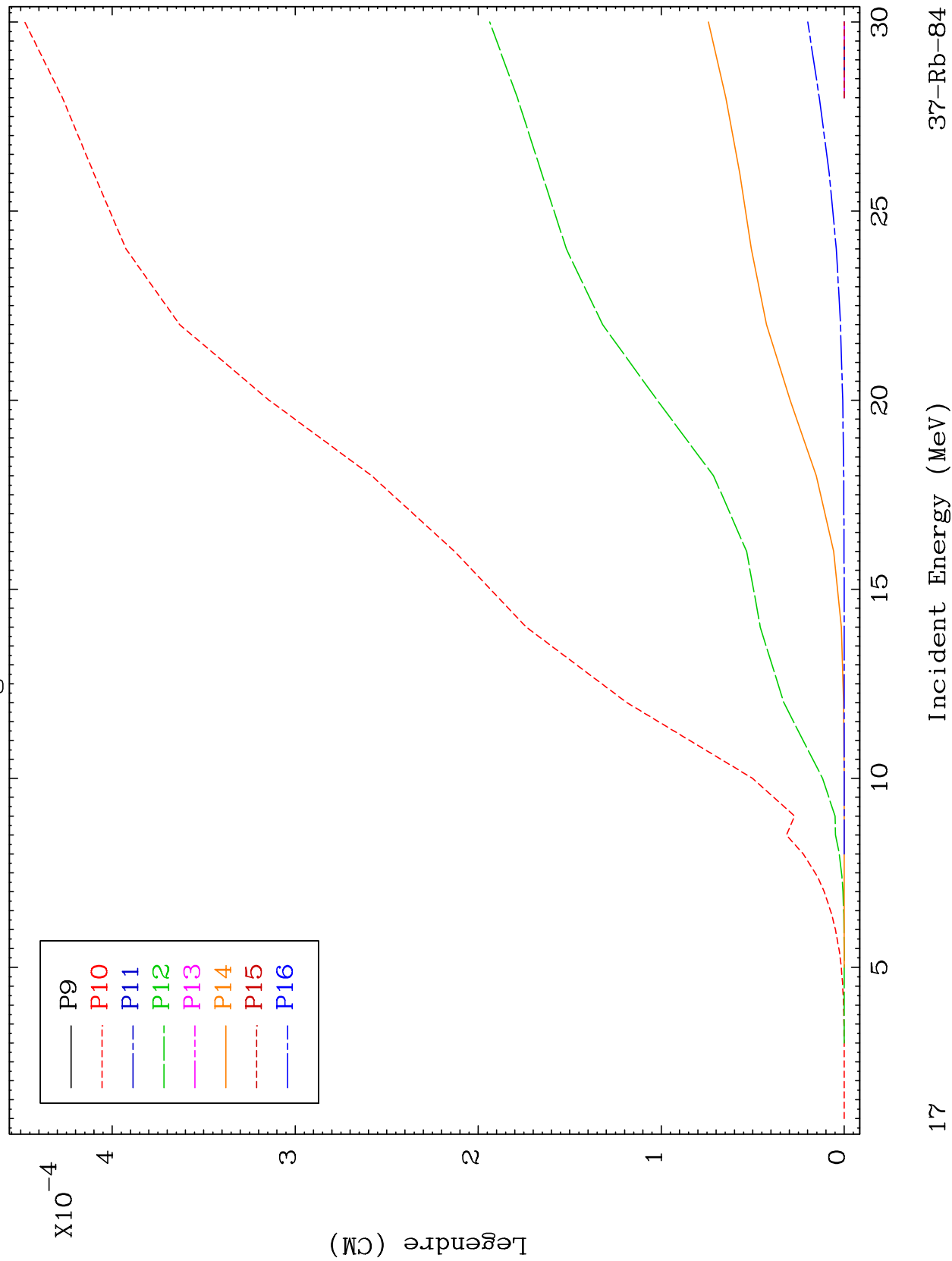
Incident Energy (MeV)

37-Rb-84

MAT 3723

Elastic Legendre Coefficients

37-Rb-84



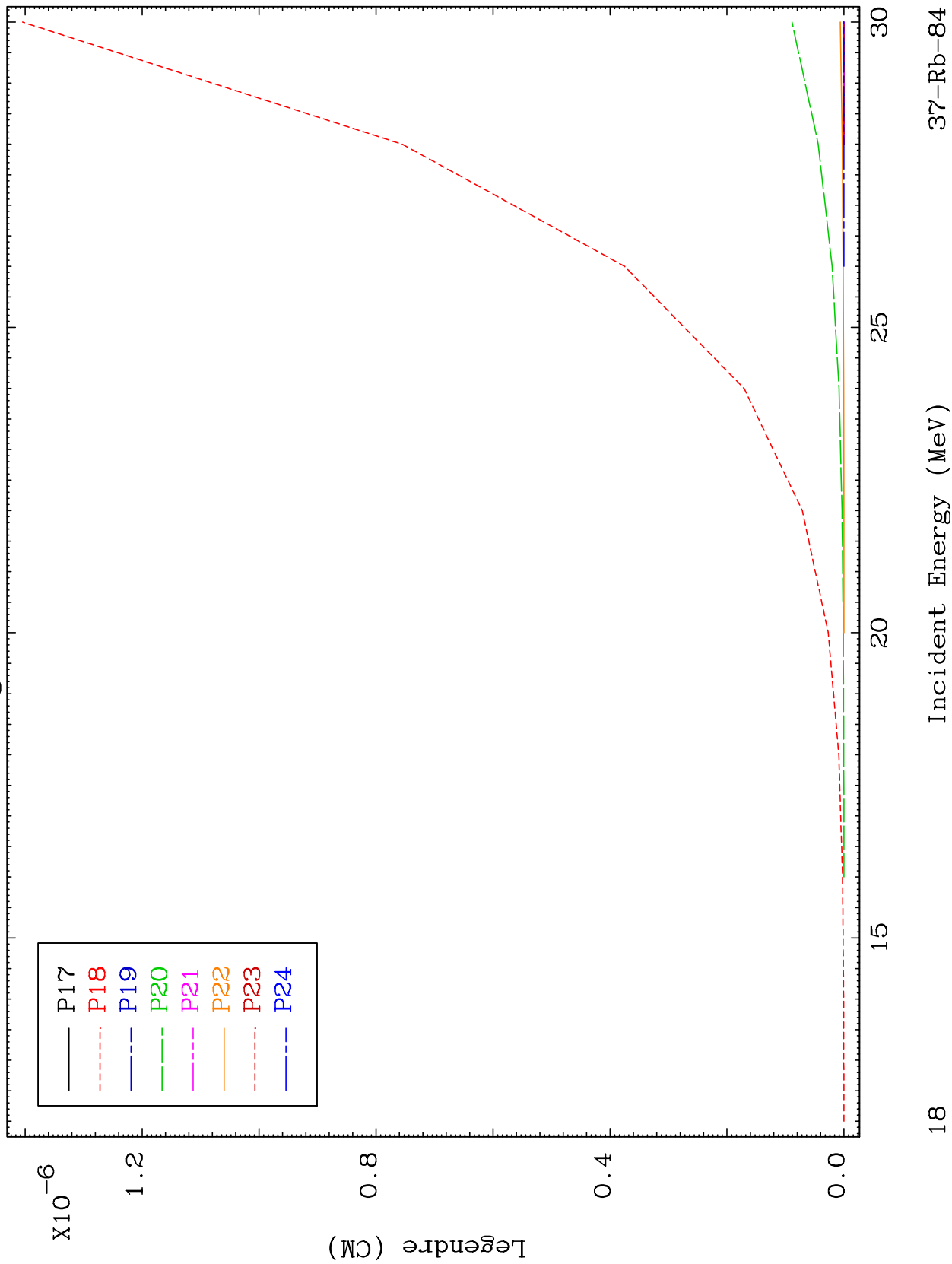
17

37-Rb-84

MAT 3723

Elastic Legendre Coefficients

37-Rb-84



18

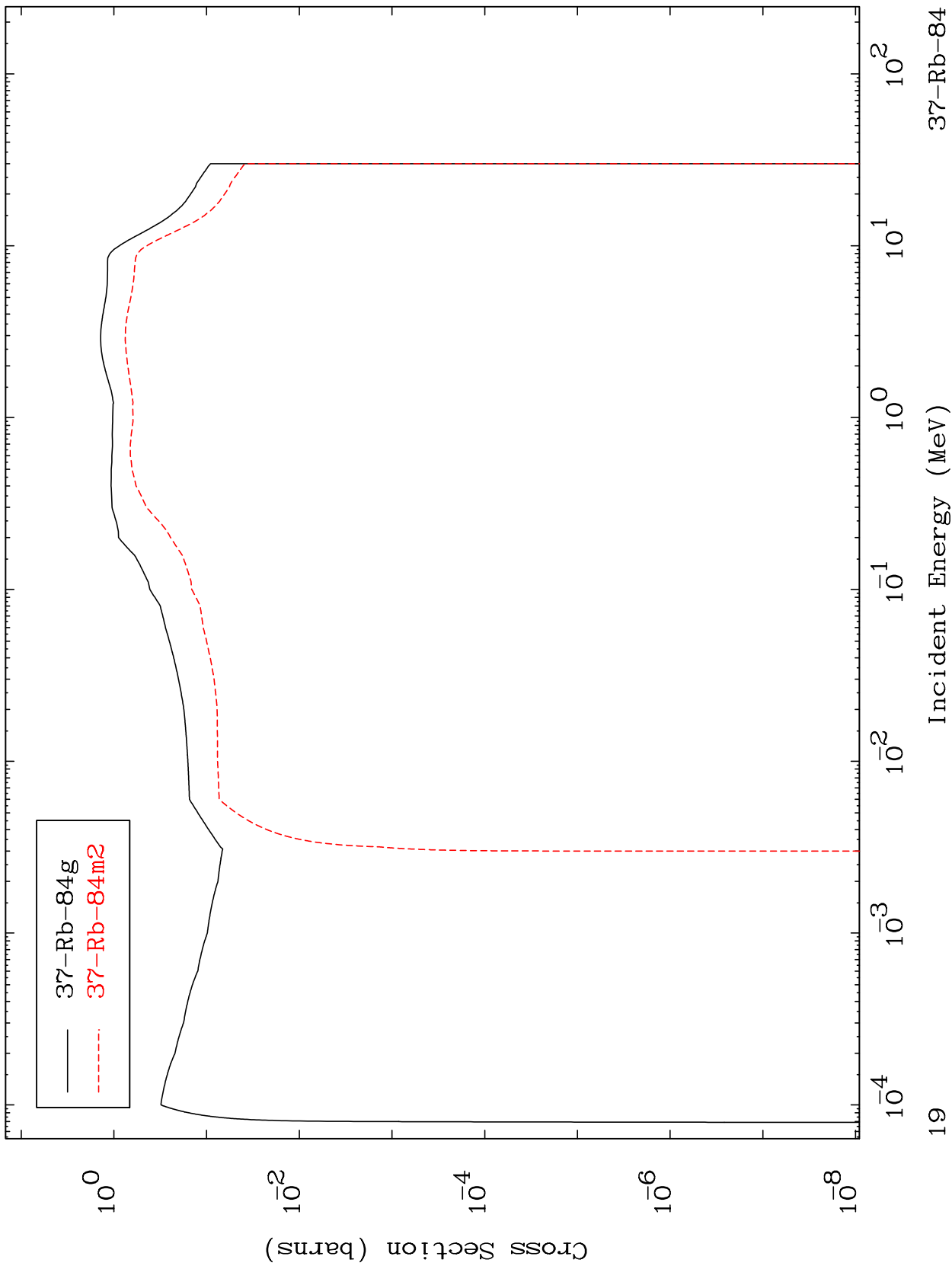
Incident Energy (MeV)

37-Rb-84

MAT 3723

37-Rb-84

Radionuclide Production Cross Section



19

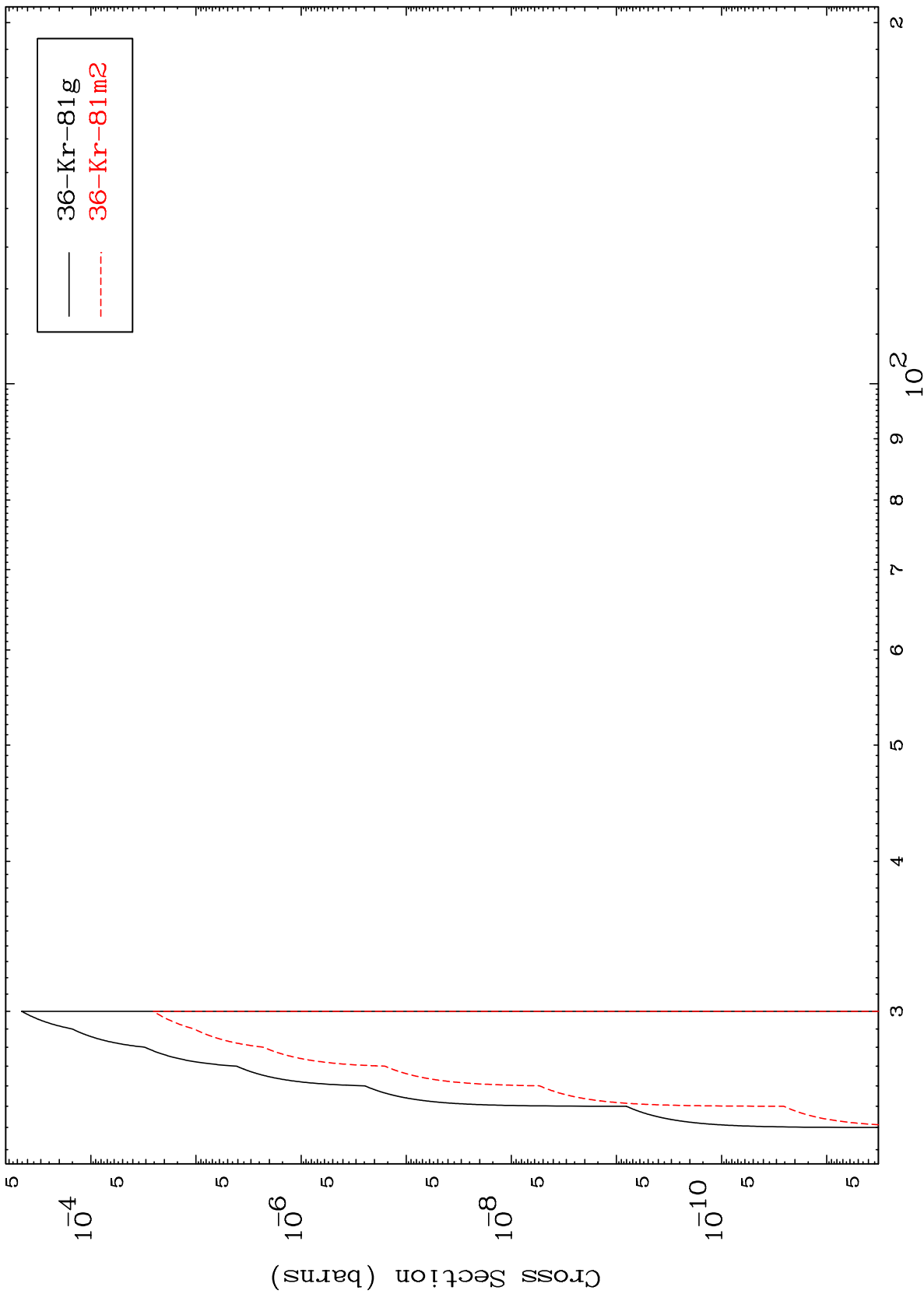
37-Rb-84

MAT 3723

(n,2n) d

37-Rb-84

Radionuclide Production Cross Section



20

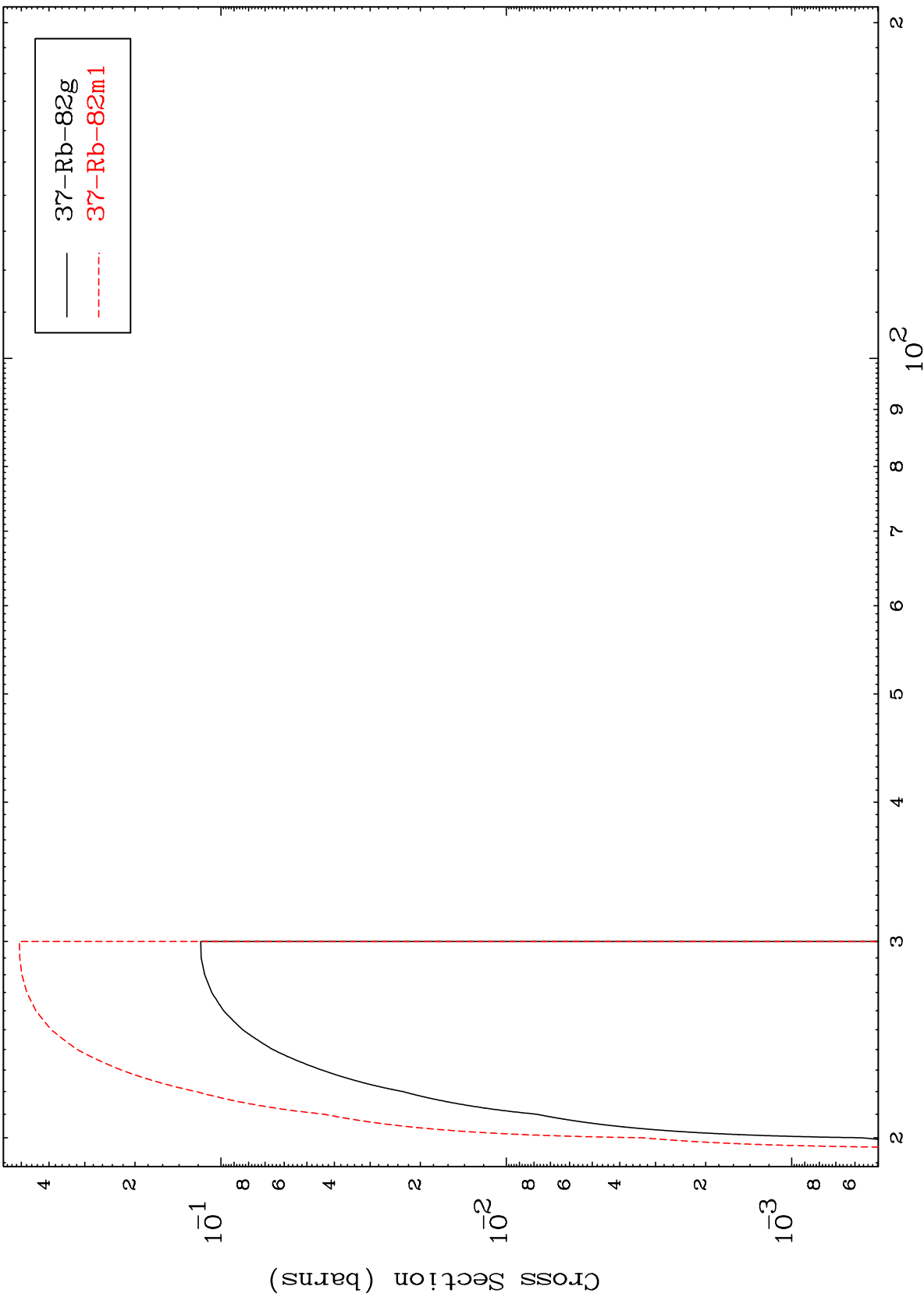
Incident Energy (MeV)

37-Rb-84

MAT 3723

37-Rb-84

(n,3n)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

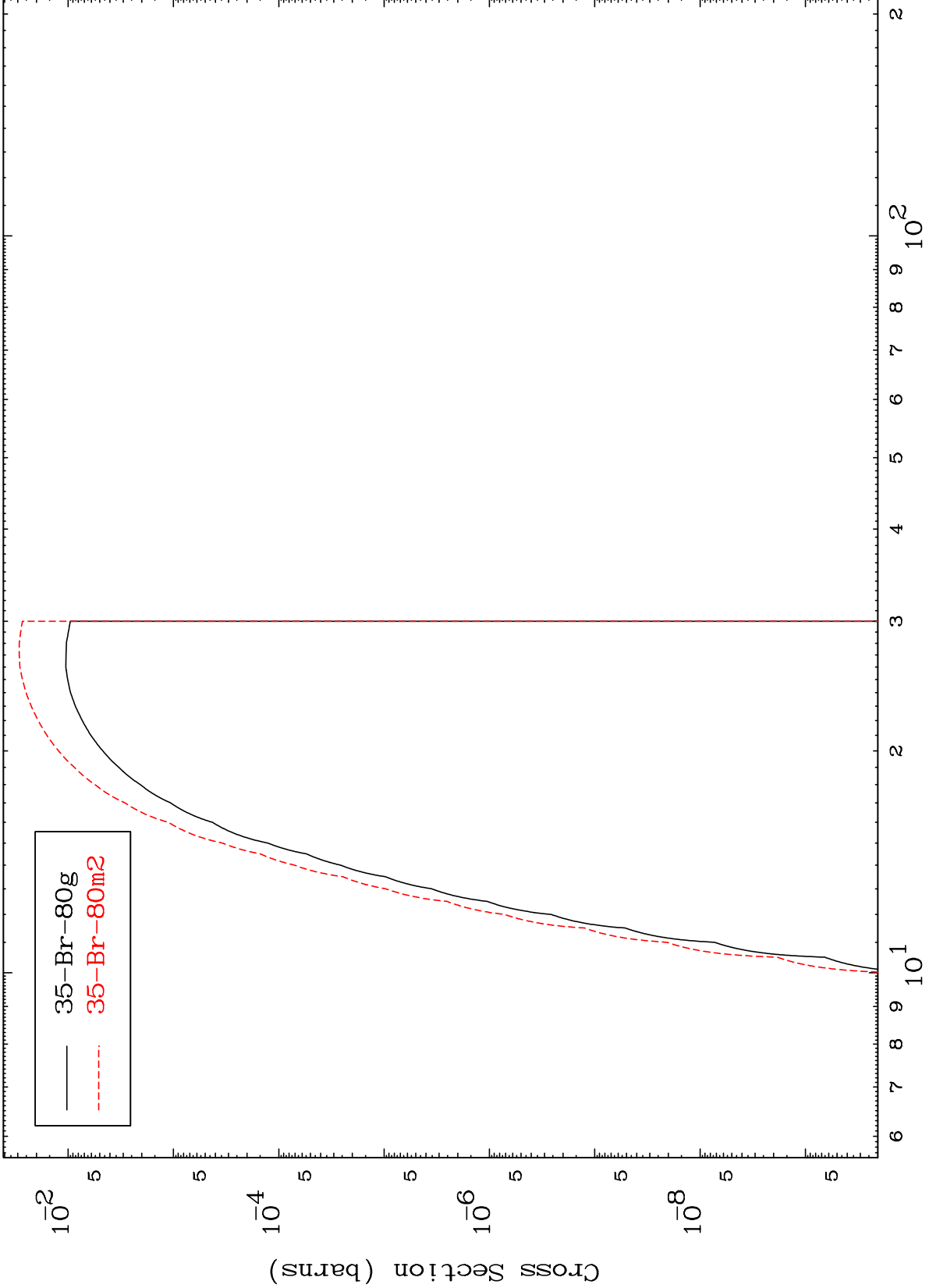
37-Rb-84

MAT 3723

37-Rb-84

(n,n') α

Radionuclide Production Cross Section



22

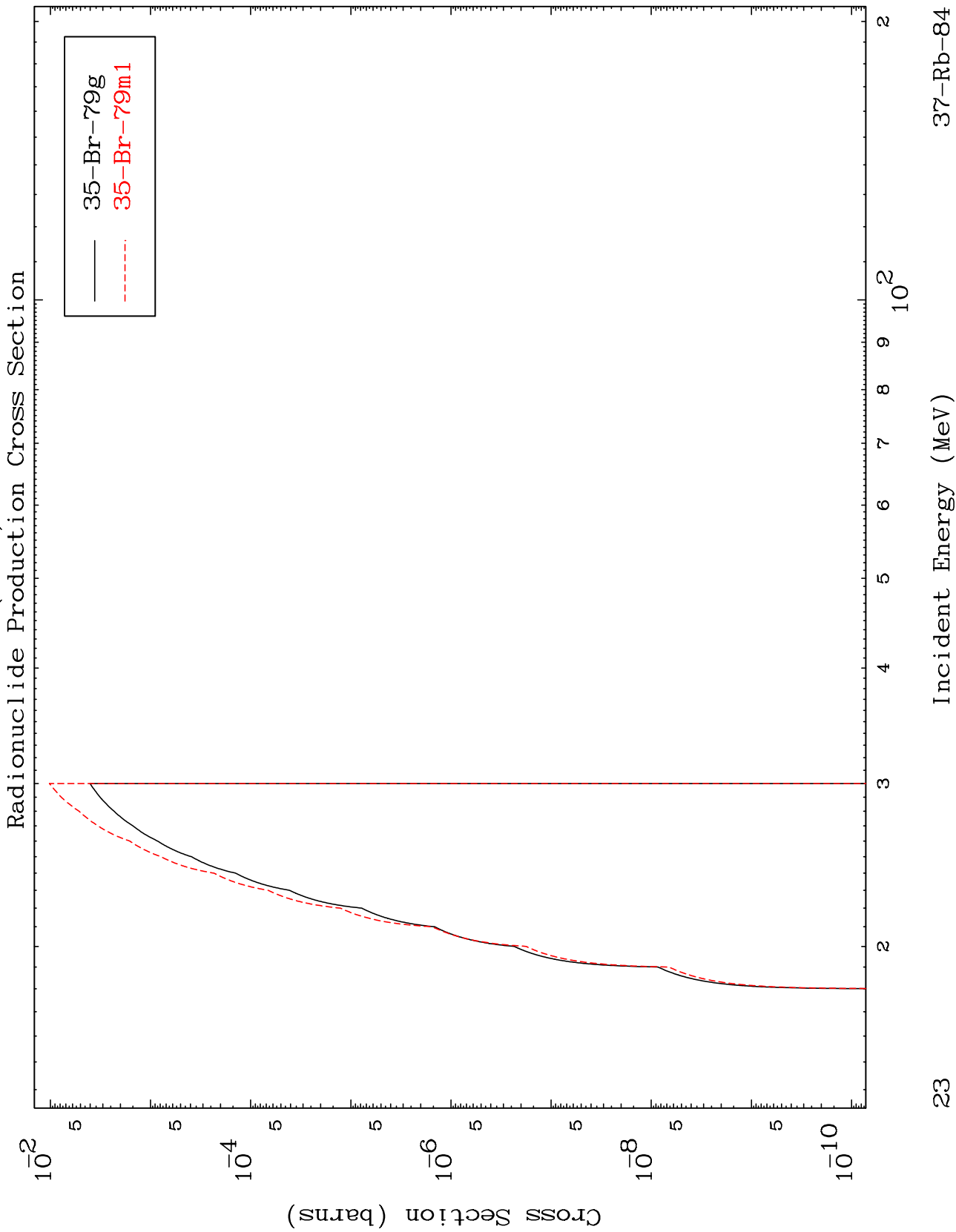
Incident Energy (MeV)

37-Rb-84

MAT 3723

$(n,2n) \alpha$

37-Rb-84



23

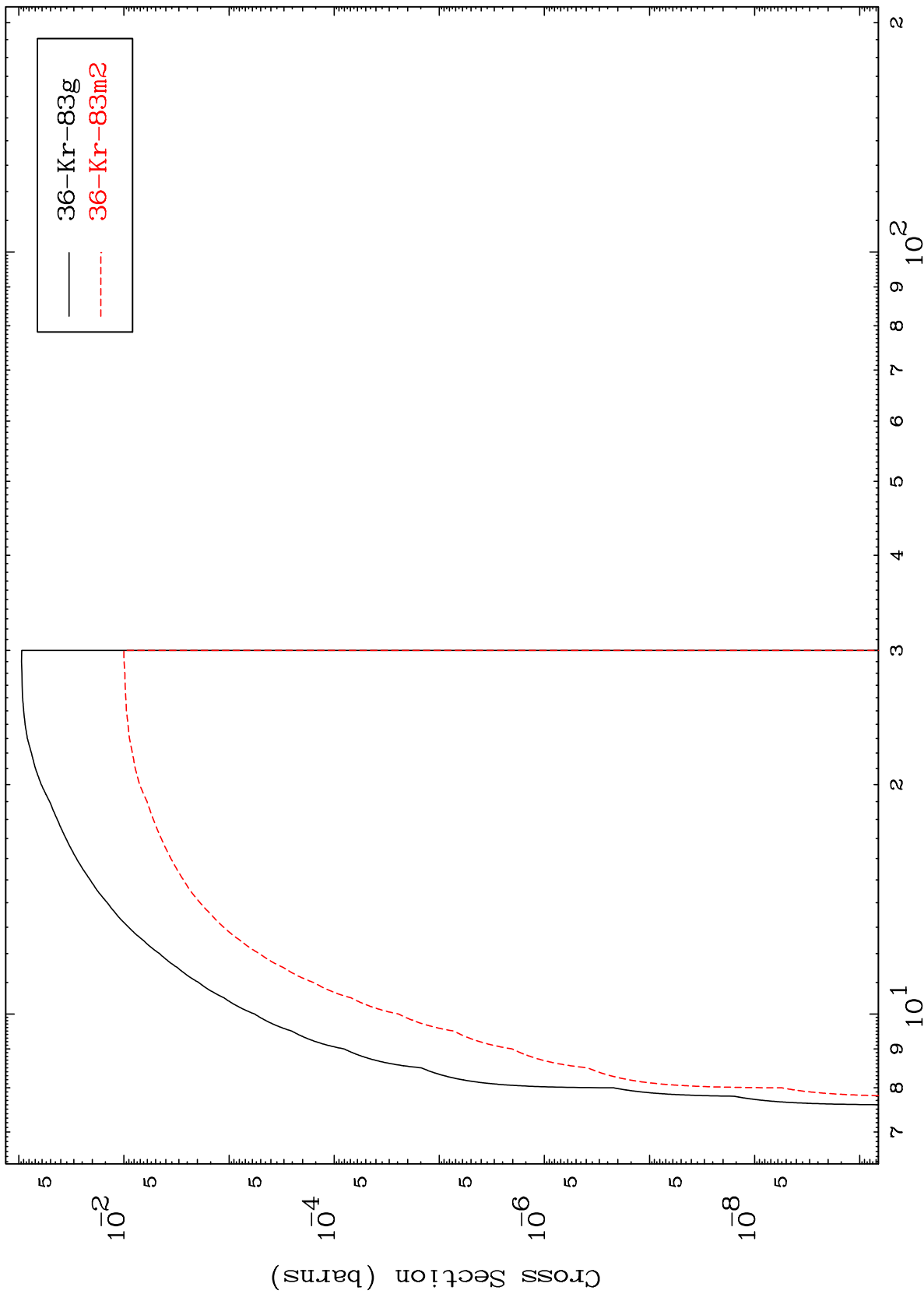
37-Rb-84

MAT 3723

37-Rb-84

(n,n') p

Radionuclide Production Cross Section

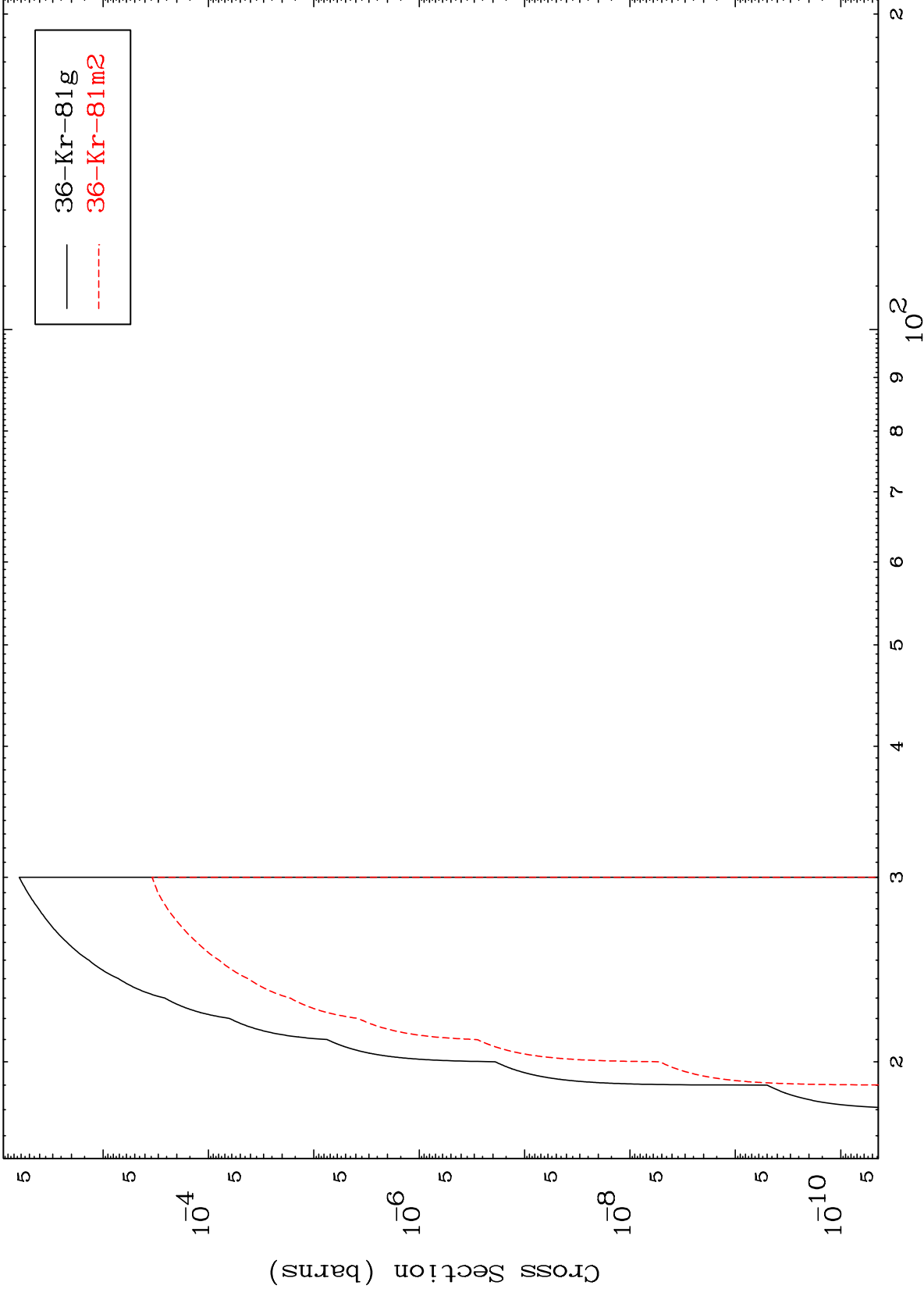


24

Incident Energy (MeV)

37-Rb-84

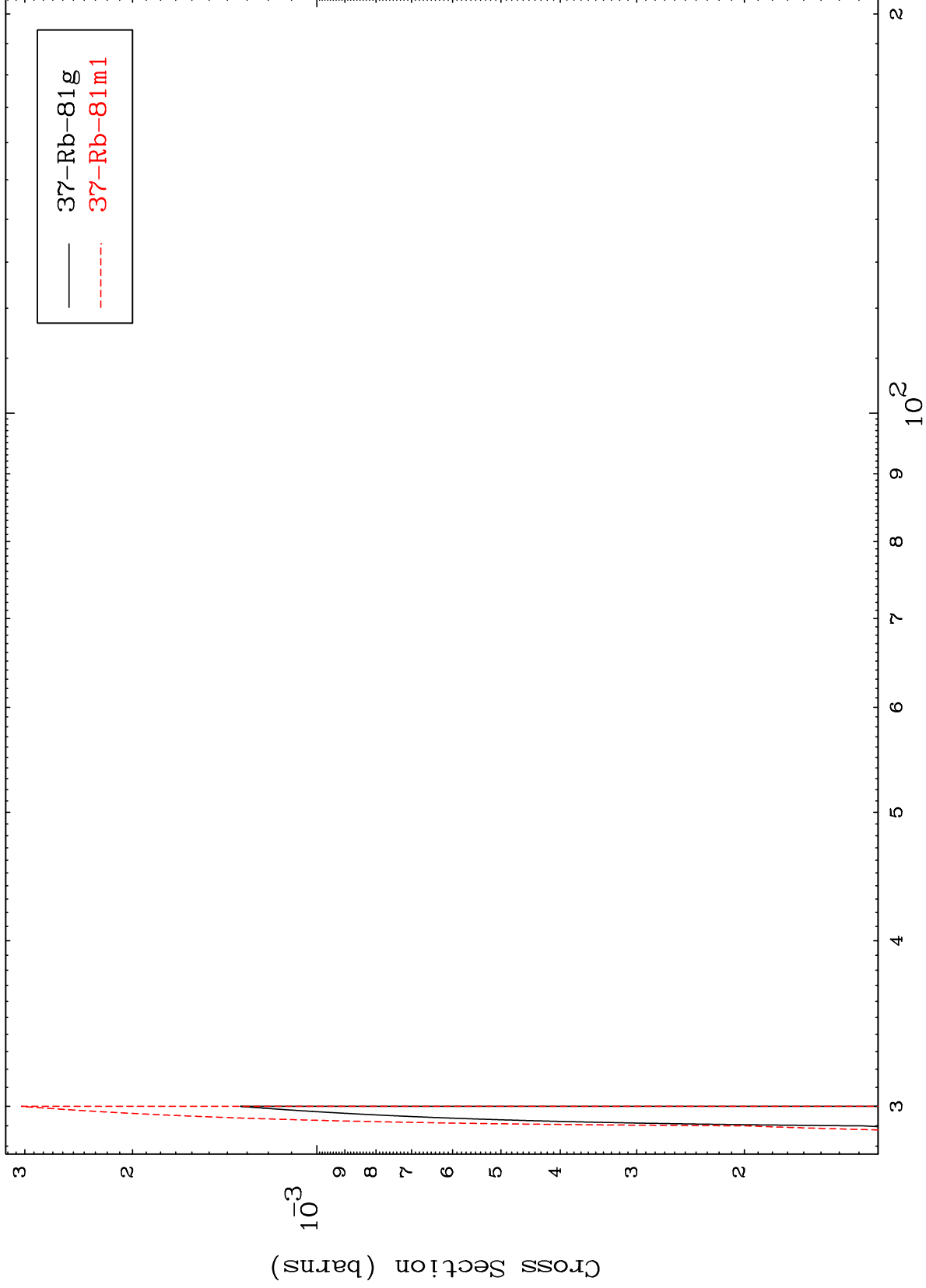
Radionuclide Production Cross Section



MAT 3723

³⁷Rb-84

(n,4n)
Radionuclide Production Cross Section

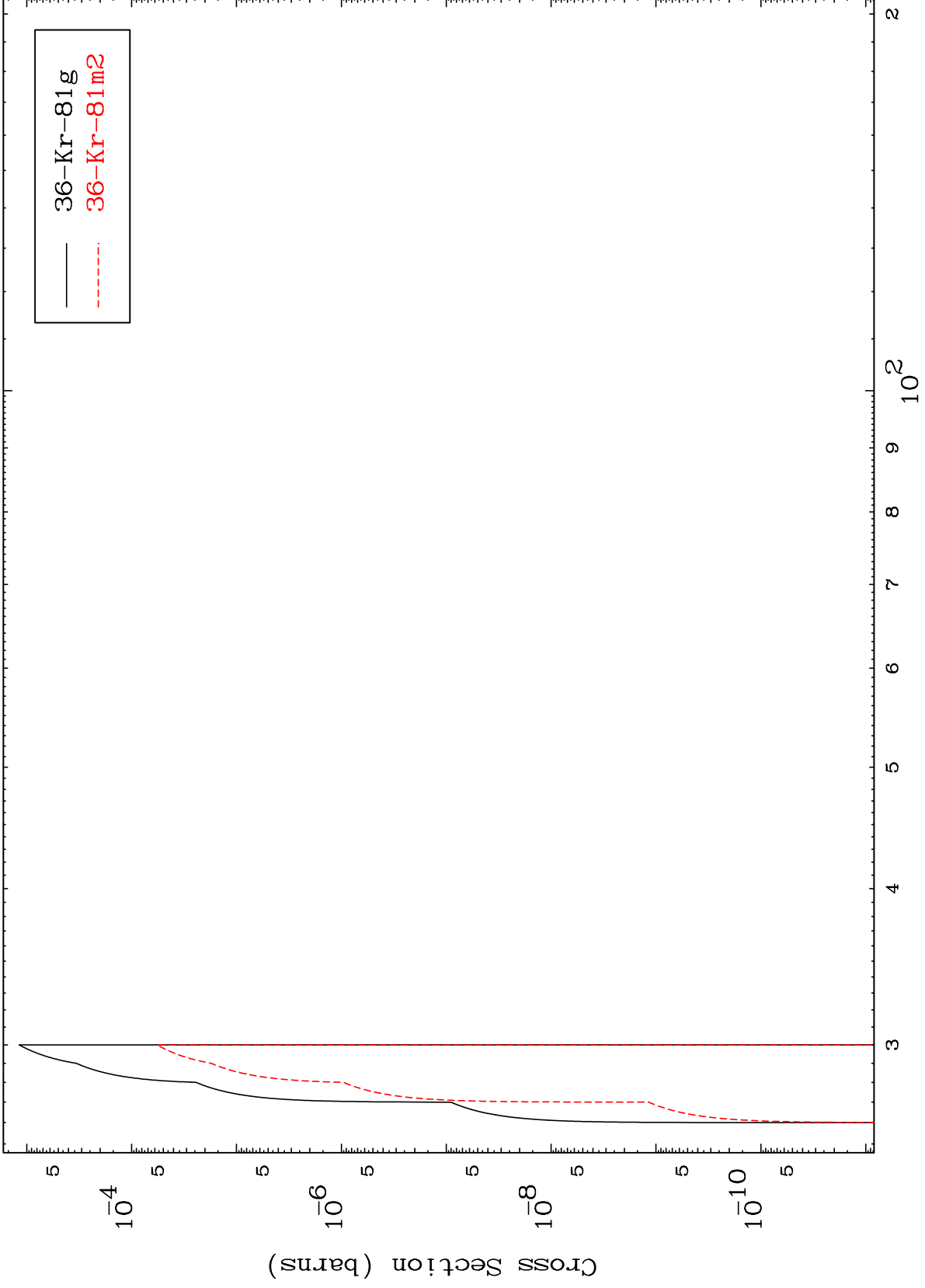


³⁷Rb-84

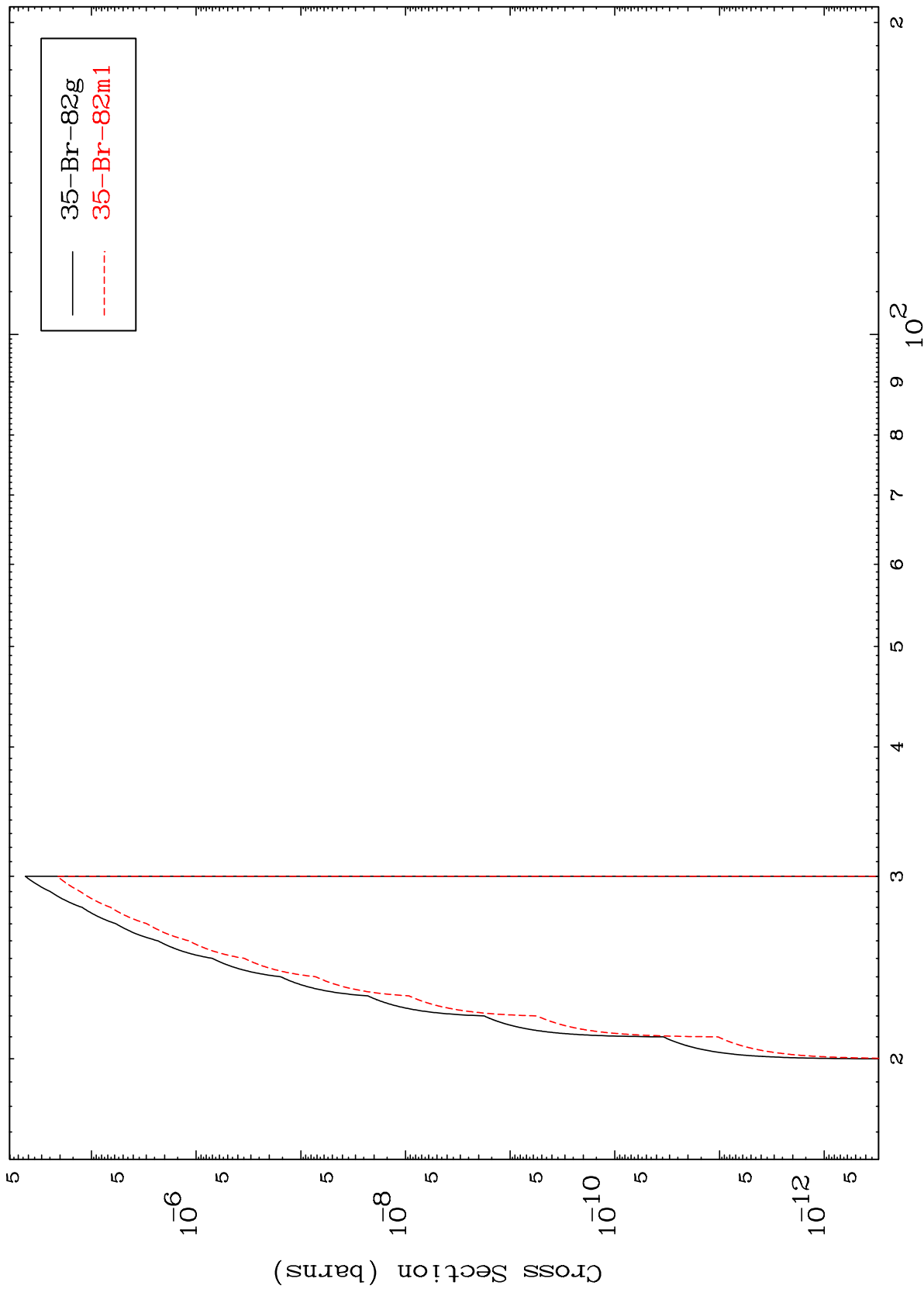
Incident Energy (MeV)

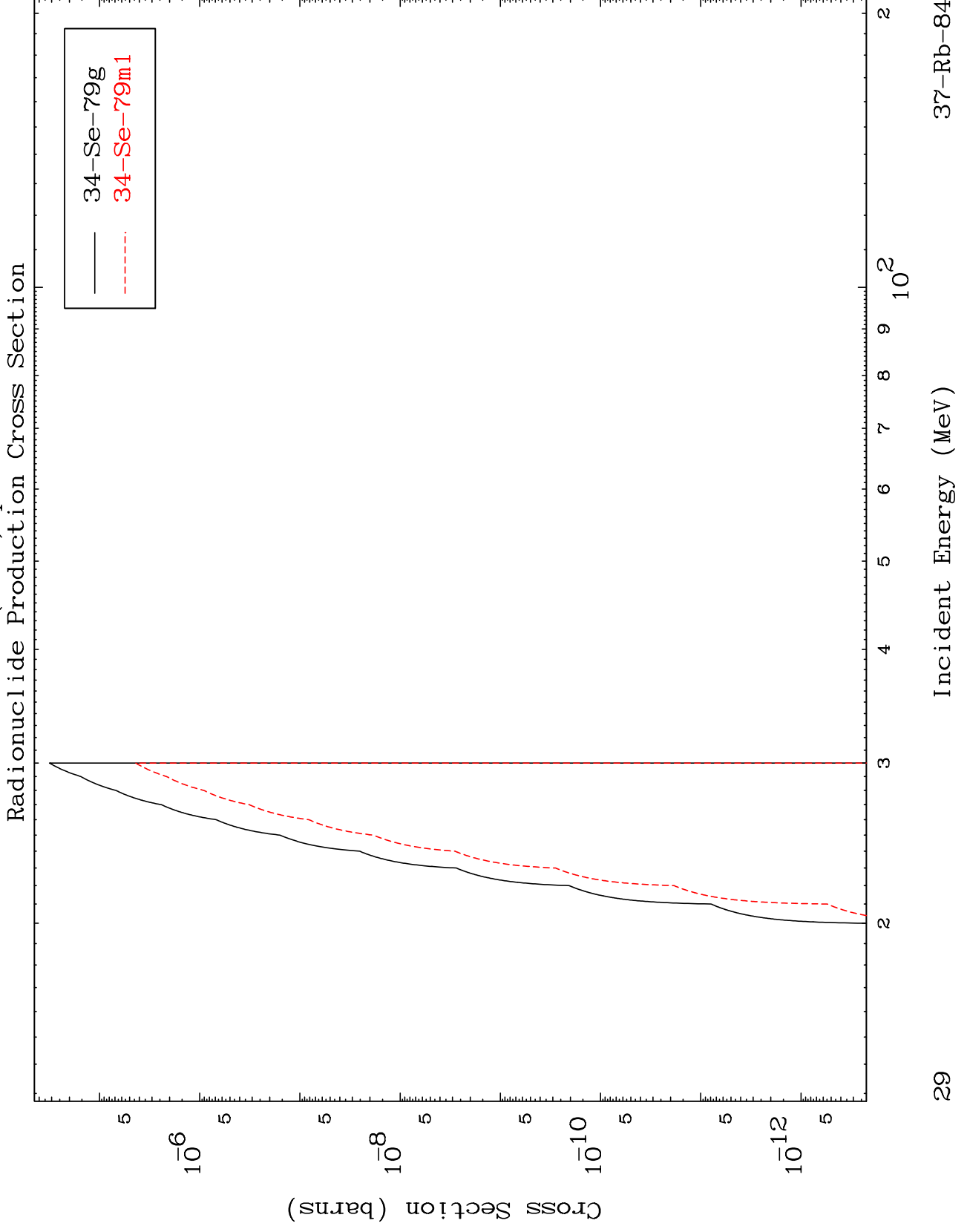
26

Radionuclide Production Cross Section



Radionuclide Production Cross Section

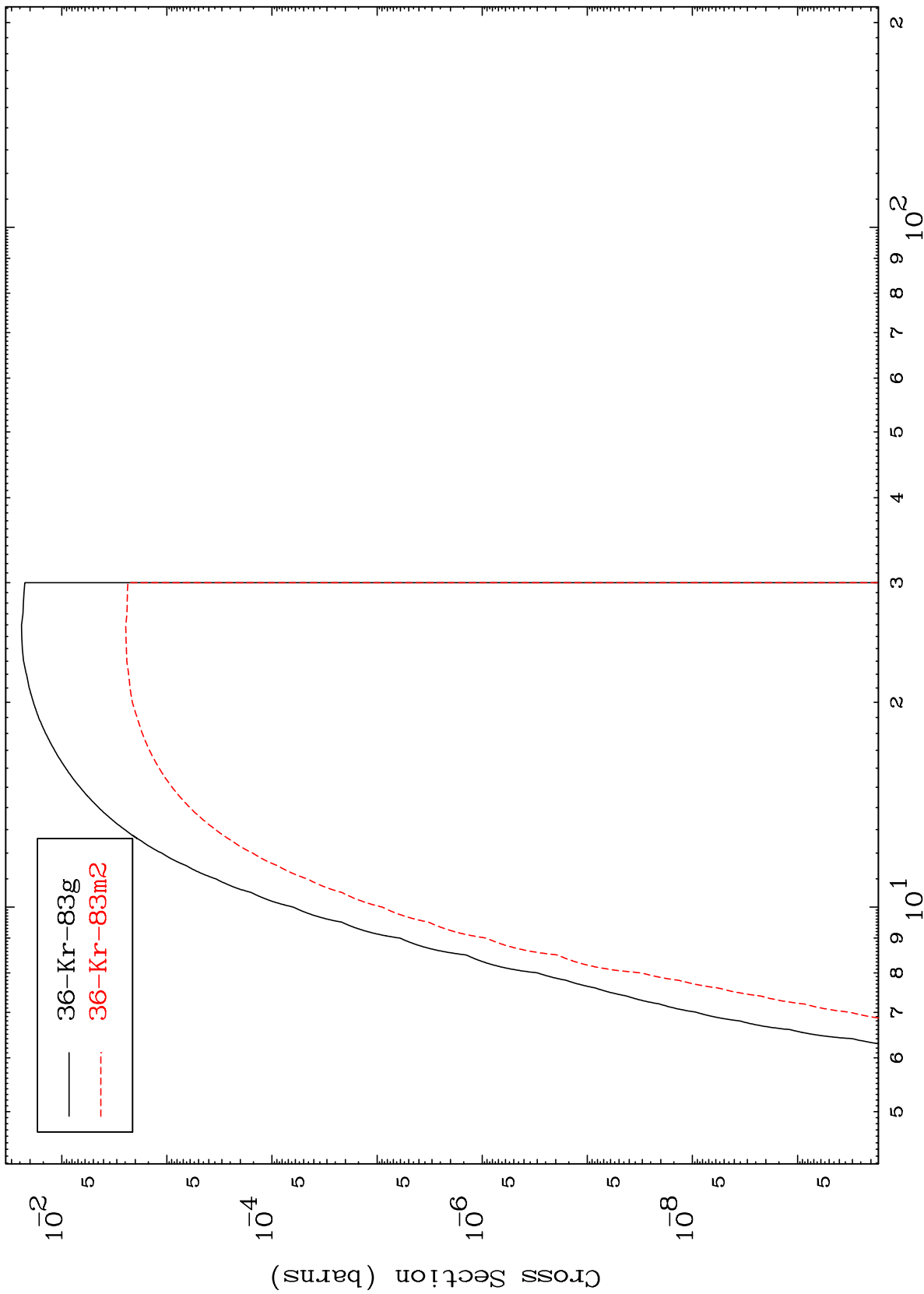




MAT 3723

37-Rb-84

(n,d)
Radionuclide Production Cross Section



37-Rb-84

Incident Energy (MeV)

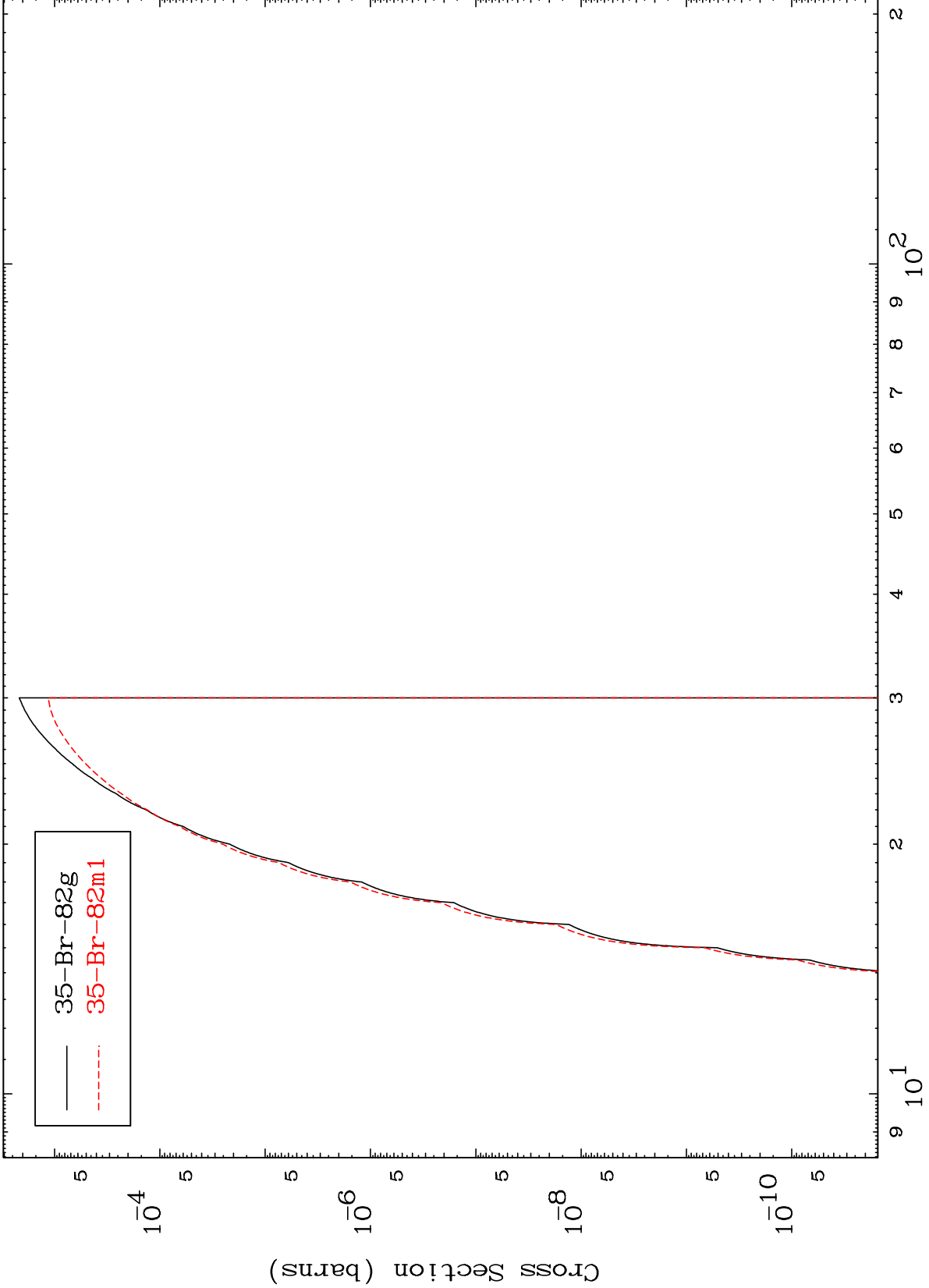
30

MAT 3723

(n,He-3)

37-Rb-84

Radionuclide Production Cross Section



31

Incident Energy (MeV)

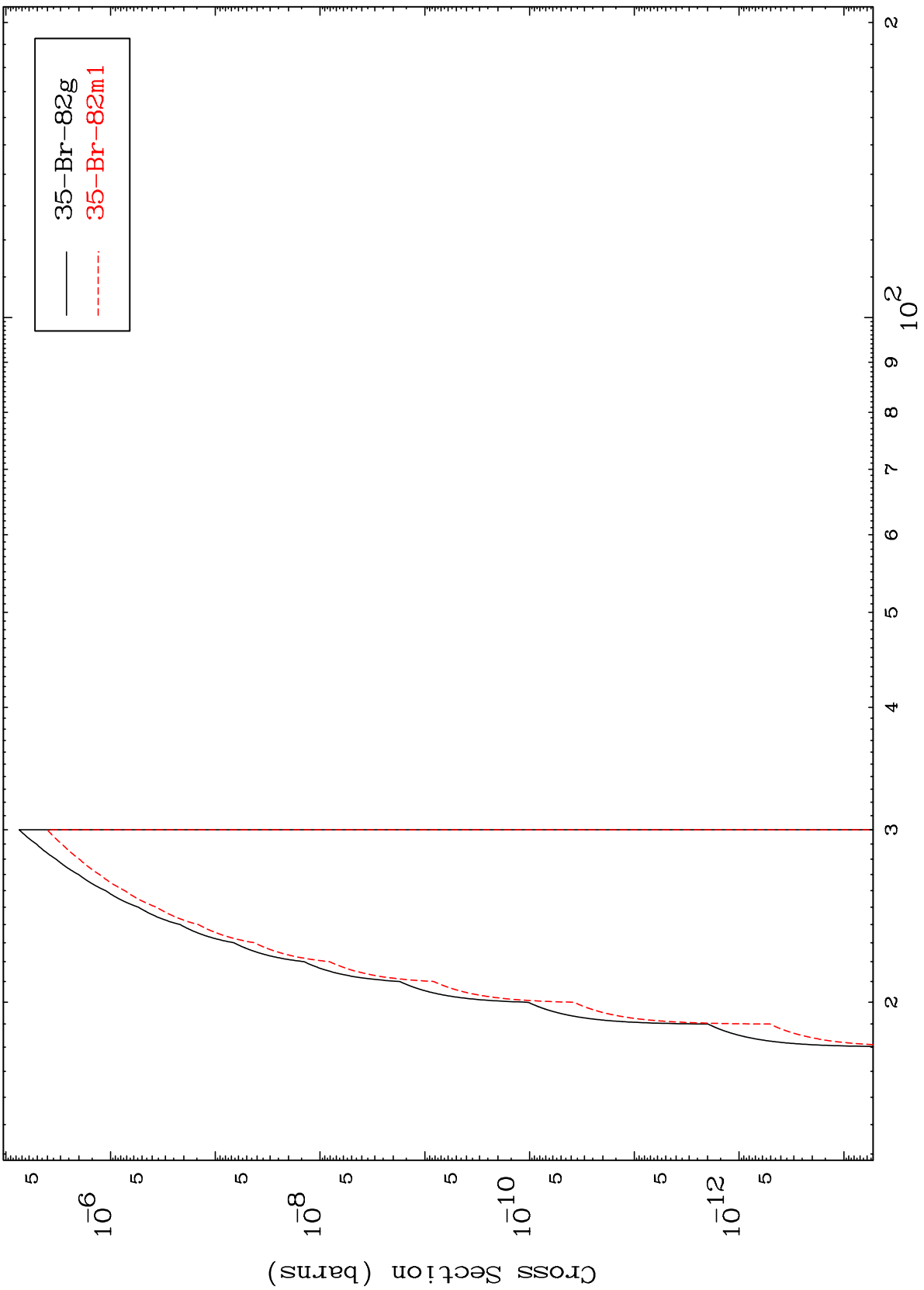
37-Rb-84

MAT 3723

(n,p) d

37-Rb-84

Radionuclide Production Cross Section



35-Br-82g
35-Br-82m1

32

Incident Energy (MeV)

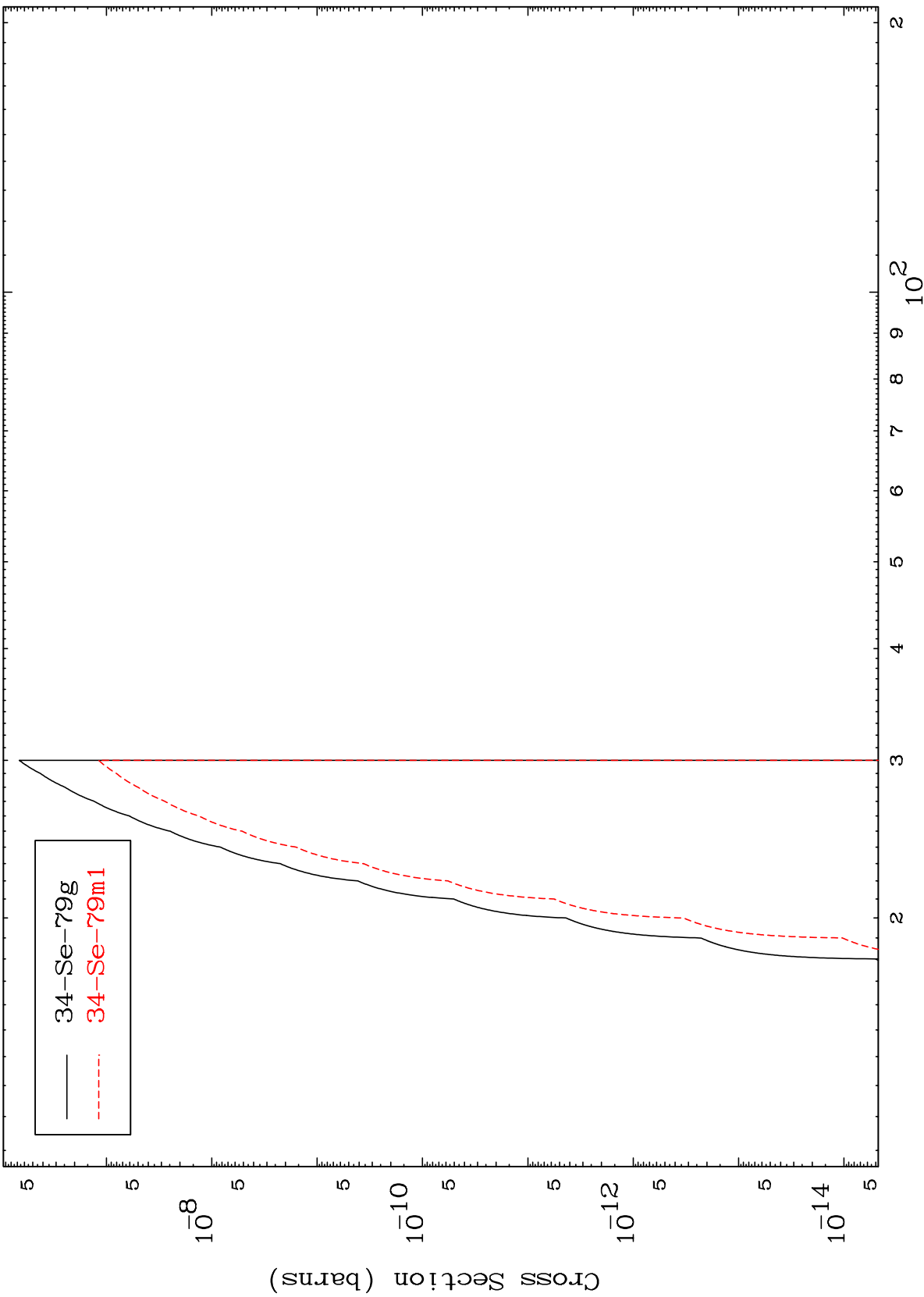
37-Rb-84

MAT 3723

(n,d) α

37-Rb-84

Radionuclide Production Cross Section



33

Incident Energy (MeV)

37-Rb-84