

Program EVALPLOT
(Version 2017-1)

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

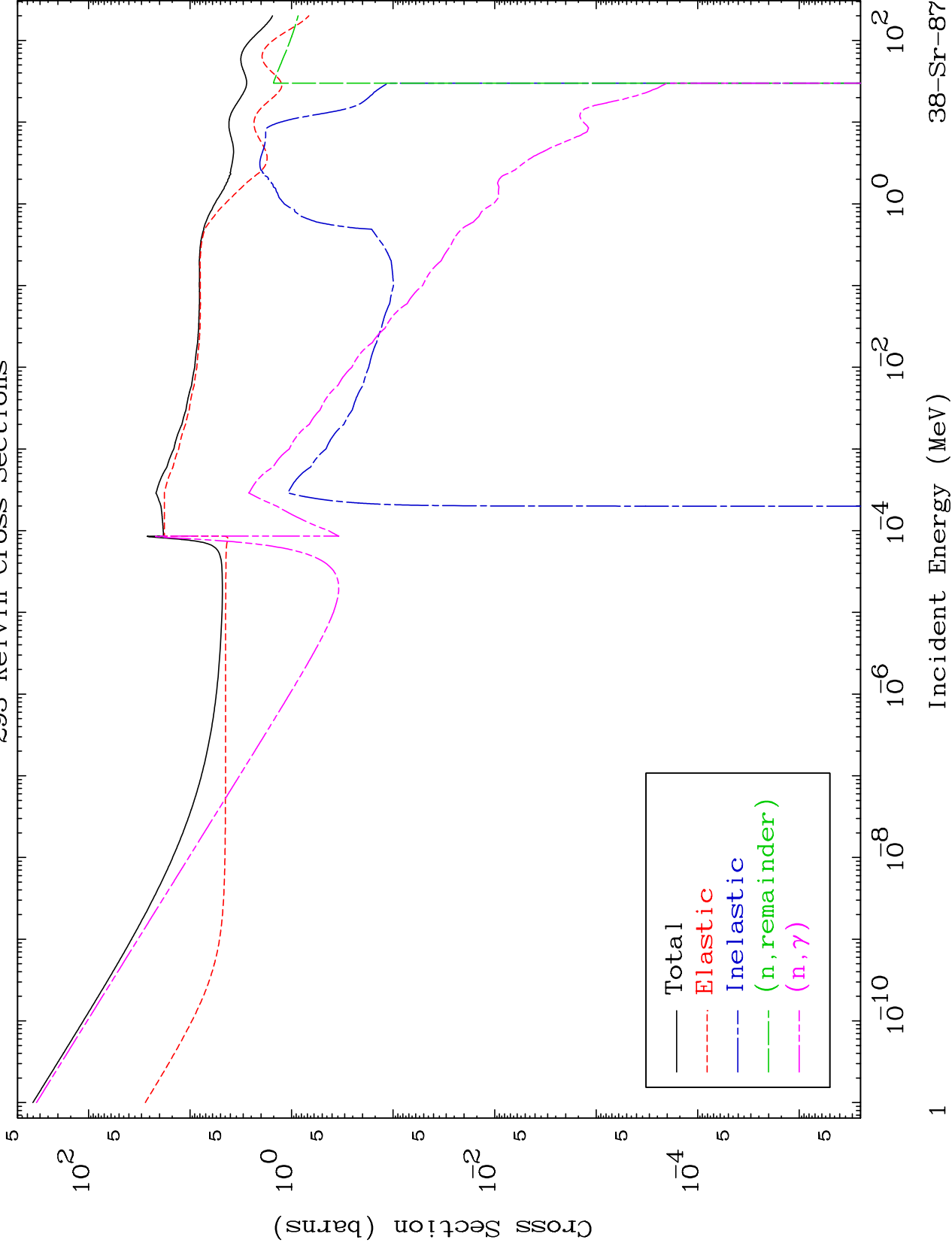
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3835

Major
293 Kelvin Cross Sections

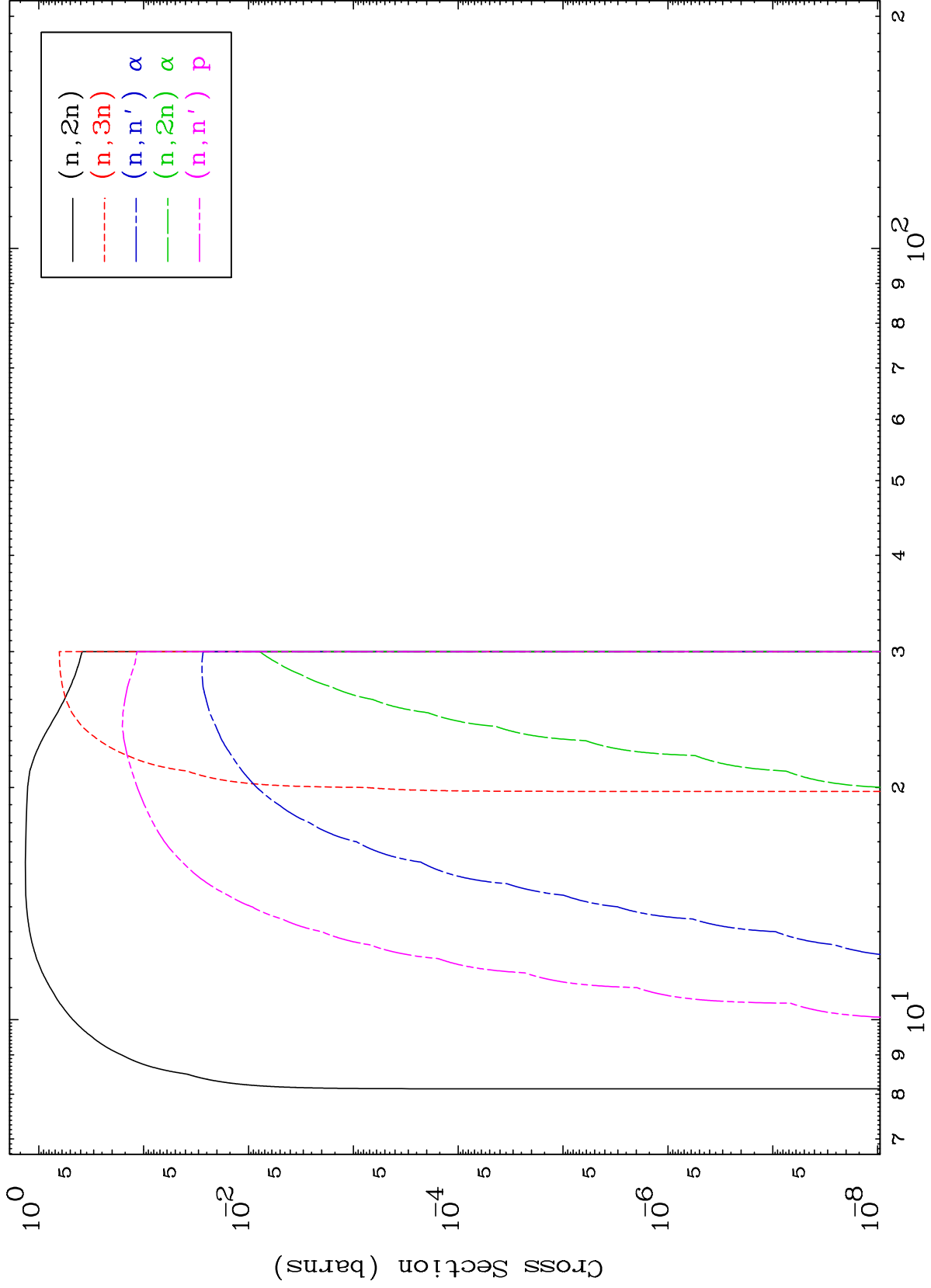
38-Sr-87



MAT 3835

Neutron Production
293 Kelvin Cross Sections

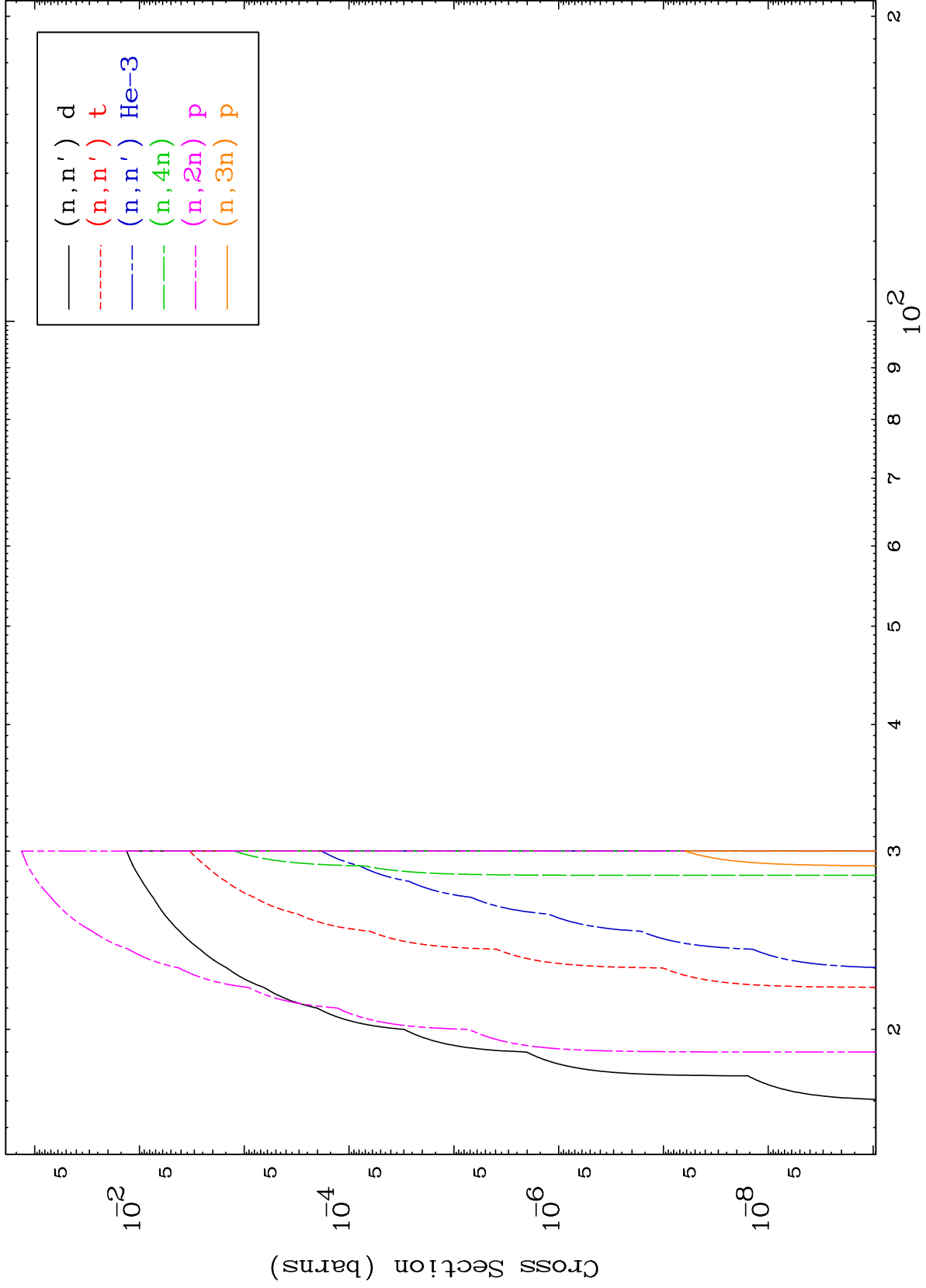
38-Sr-87



2

Incident Energy (MeV)

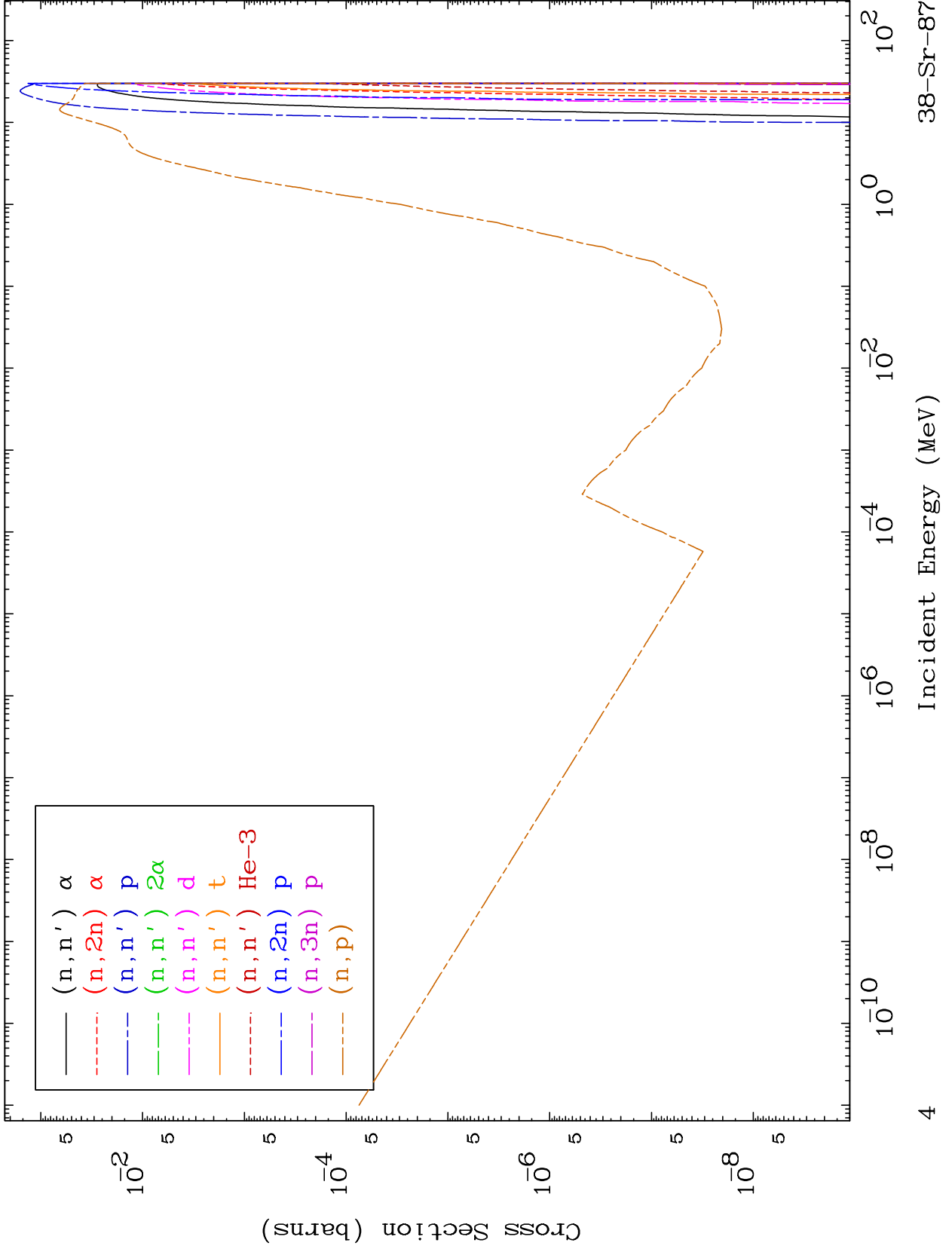
38-Sr-87



MAT 3835

Charged Particle
293 Kelvin Cross Sections

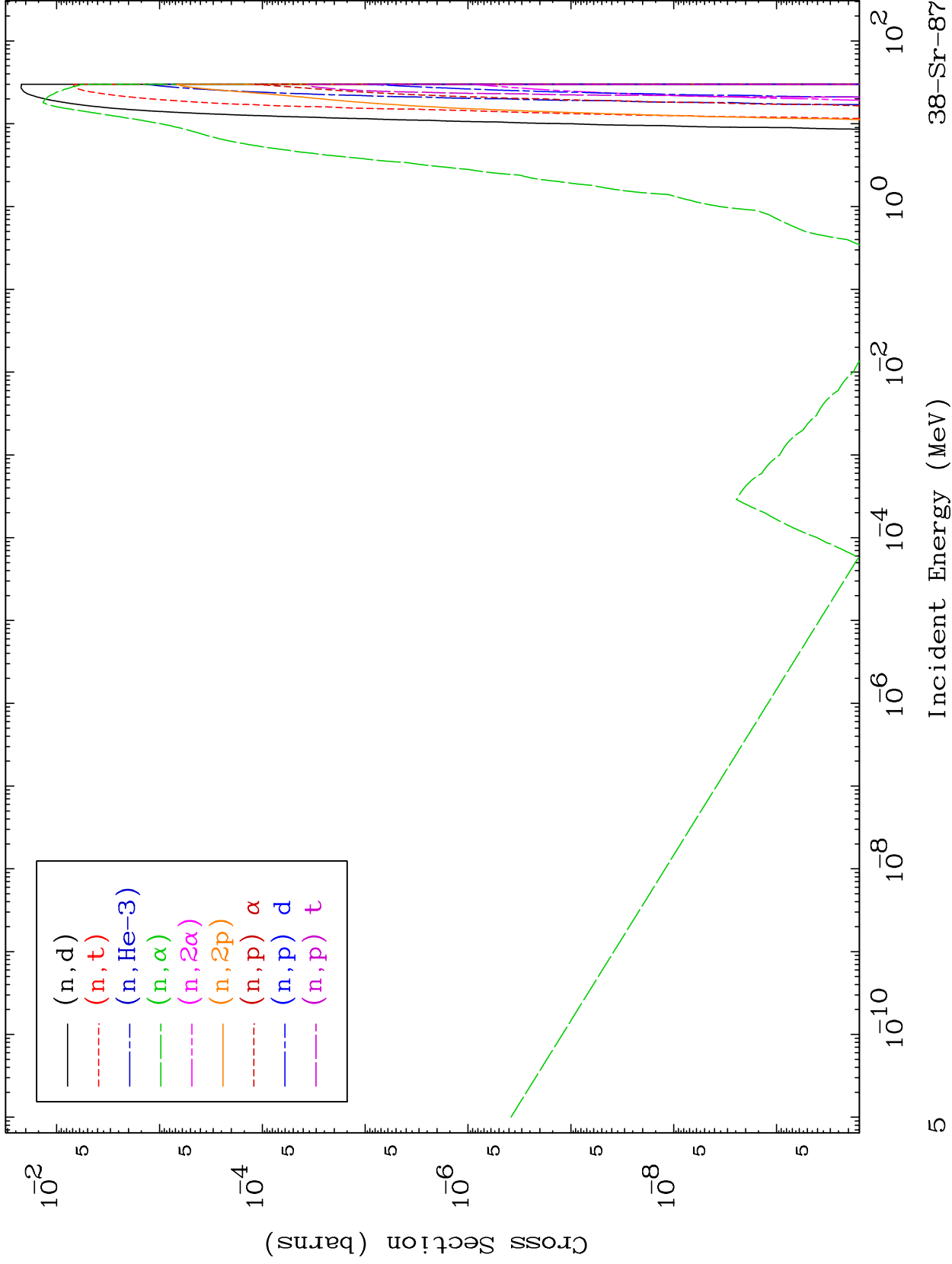
38-Sr-87



MAT 3835

Charged Particle
293 Kelvin Cross Sections

38-Sr-87



5

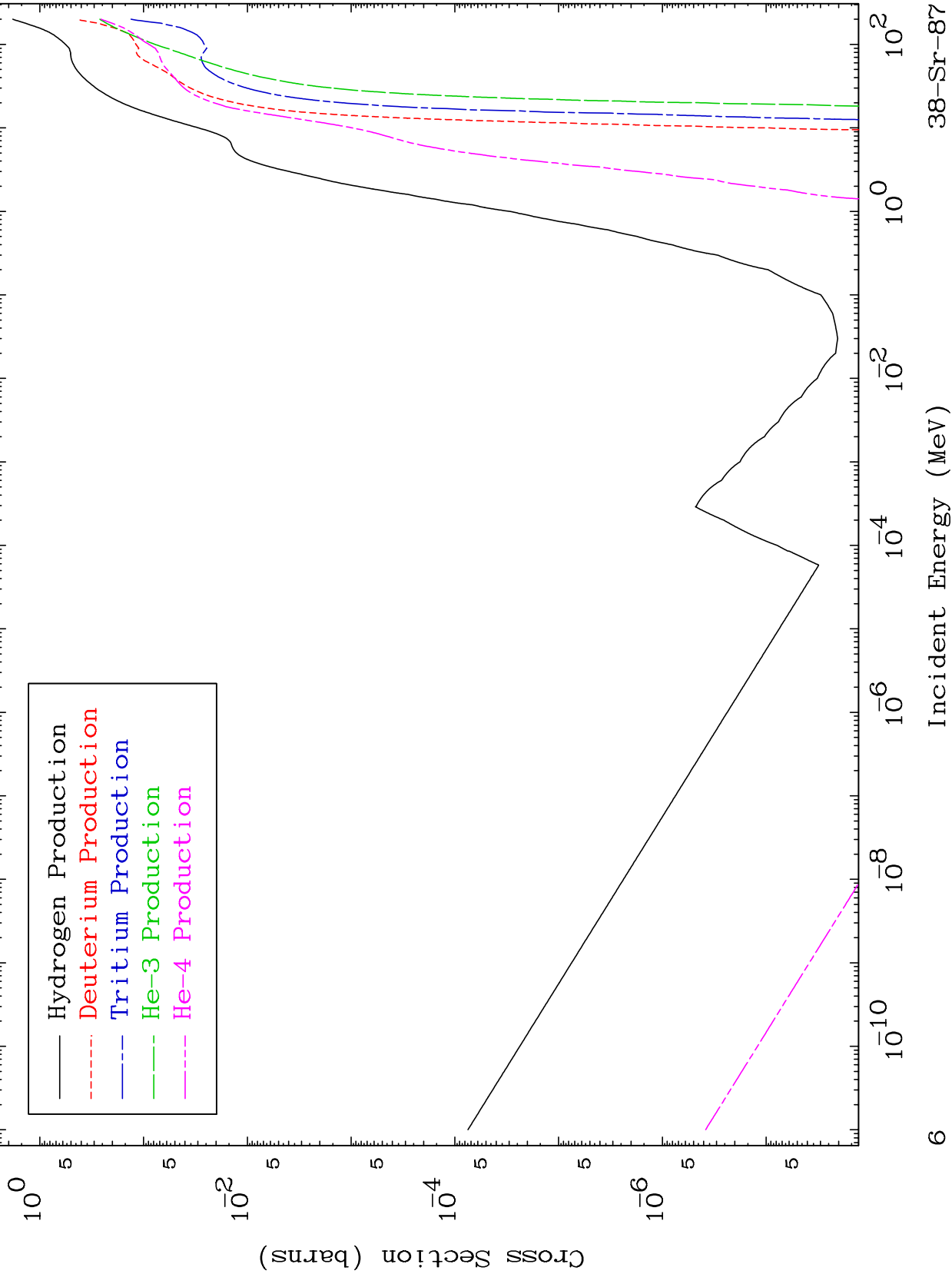
Incident Energy (MeV)

38-Sr-87

MAT 3835

Particle Production
293 Kelvin Cross Sections

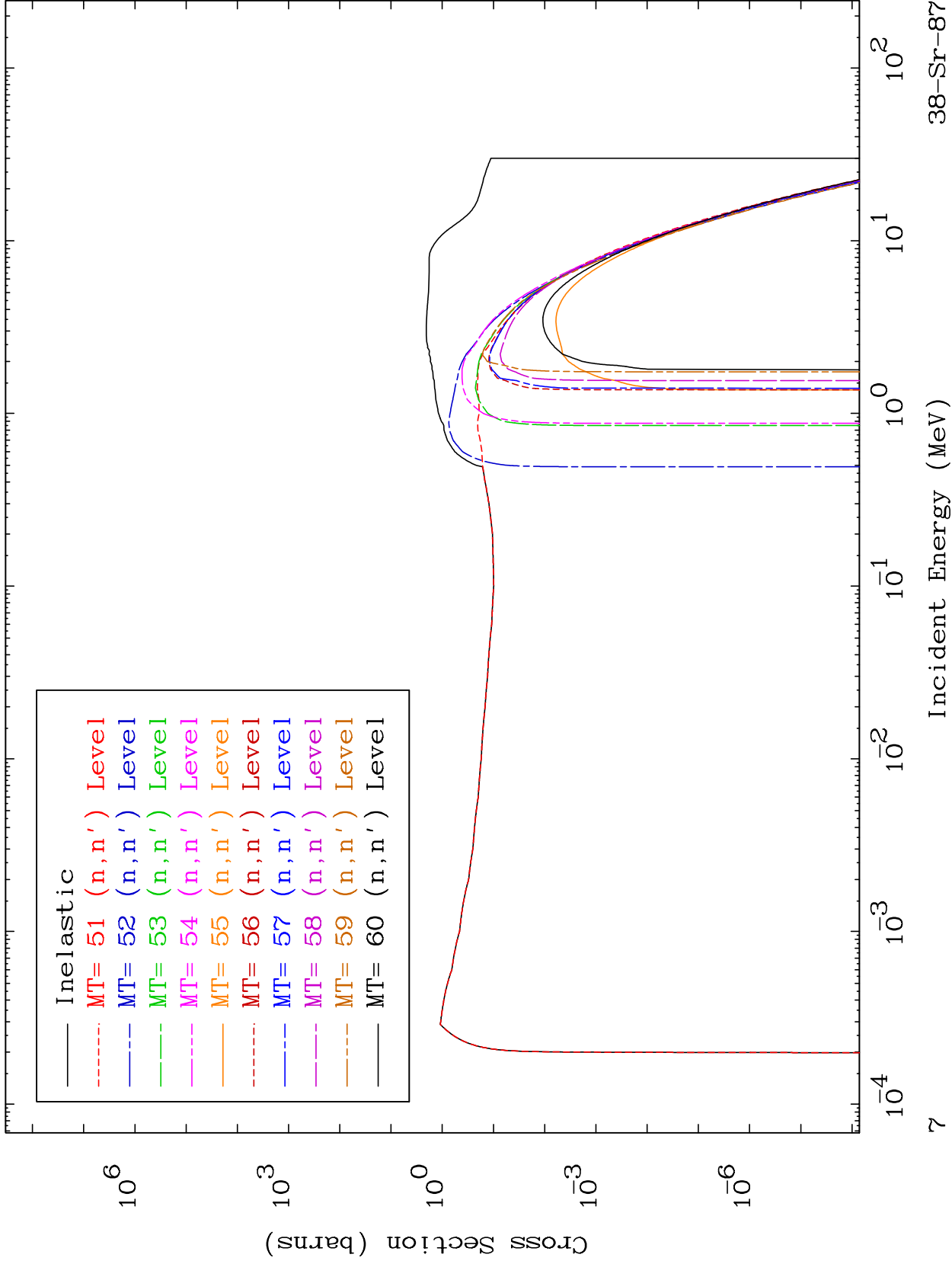
38-Sr-87



MAT 3835

(n,n') Level
293 Kelvin Cross Sections

38-Sr-87

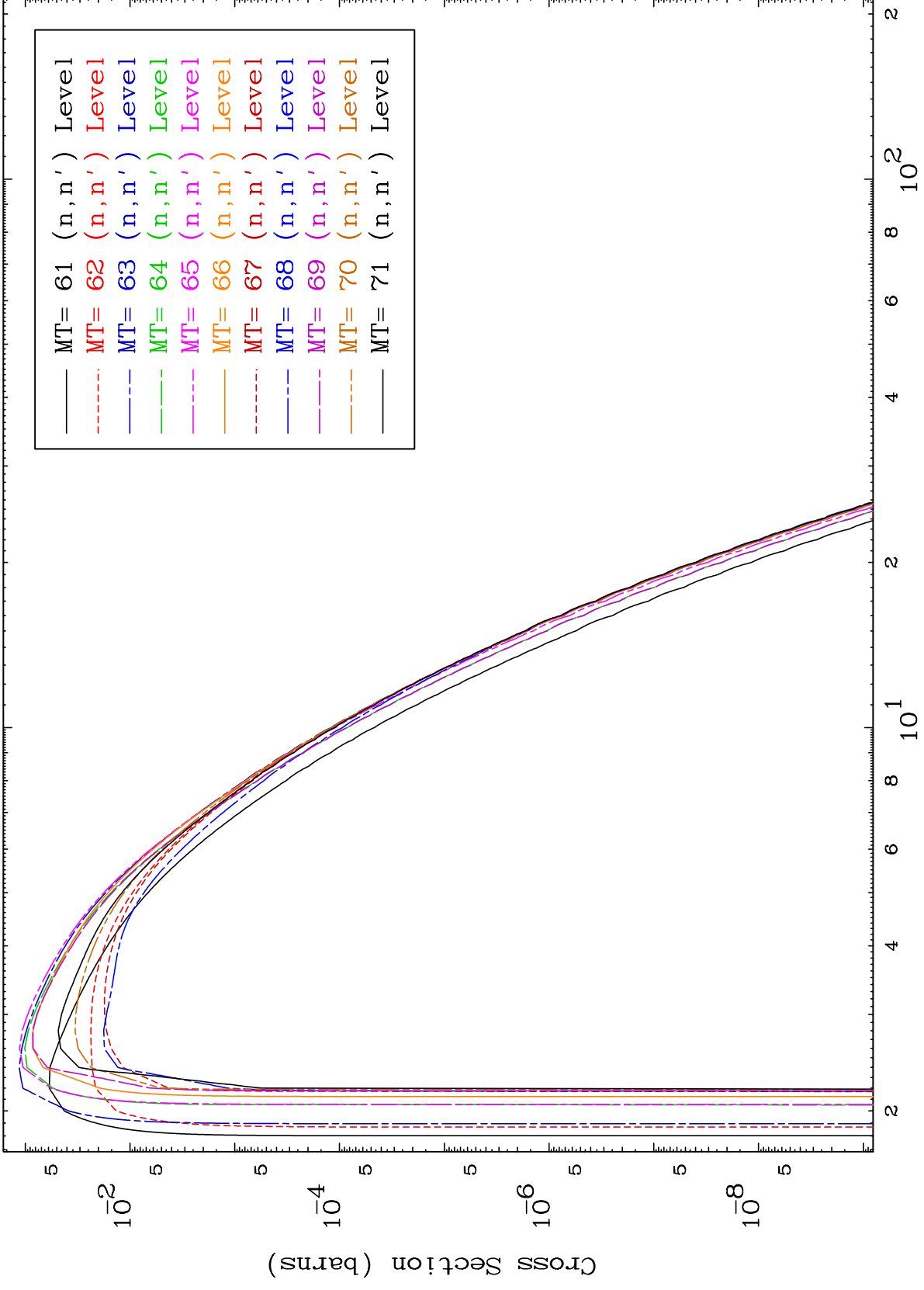


MAT 3835

(n,n') Level

38-Sr-87

293 Kelvin Cross Sections

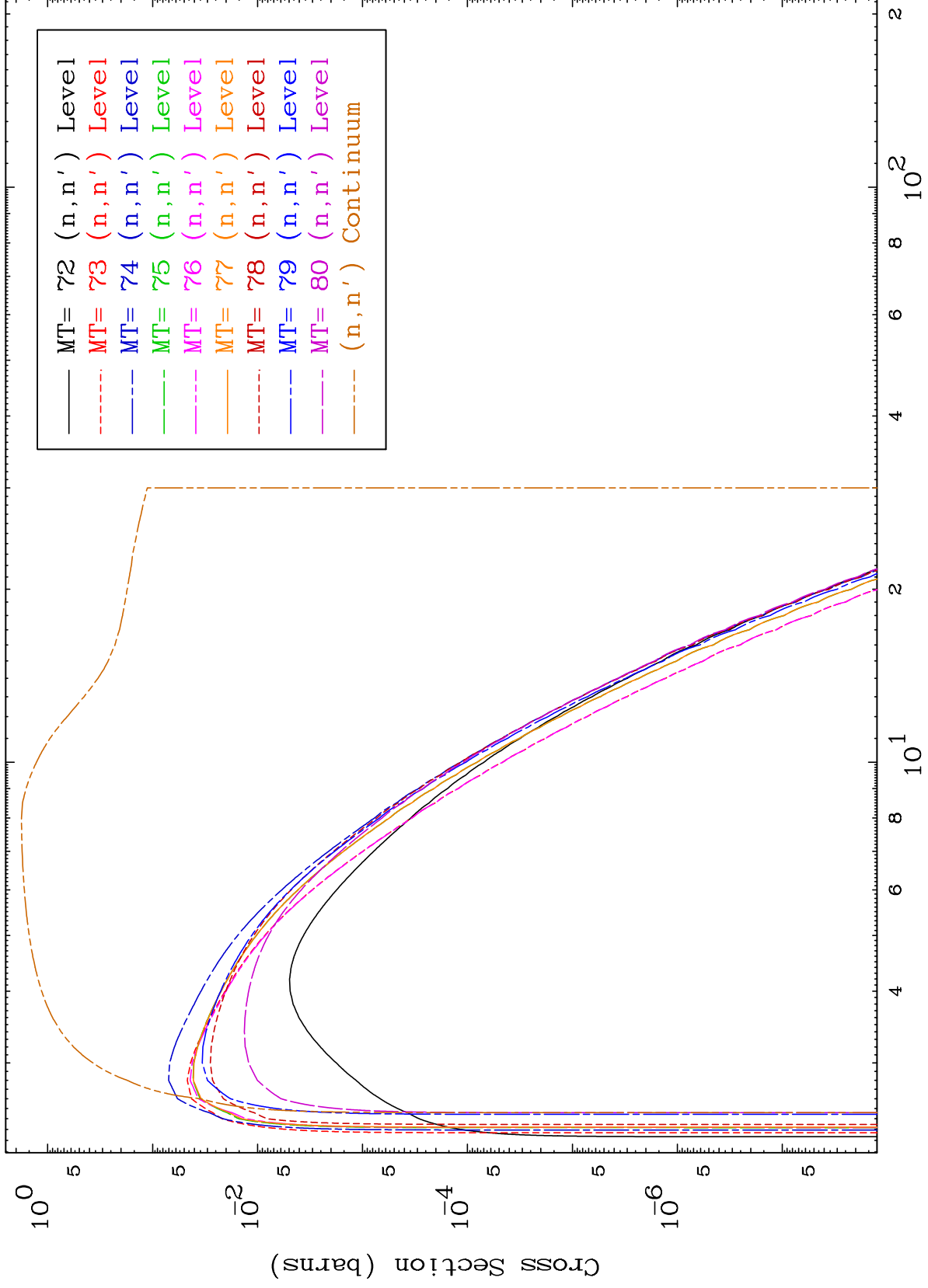


8

Incident Energy (MeV)

38-Sr-87

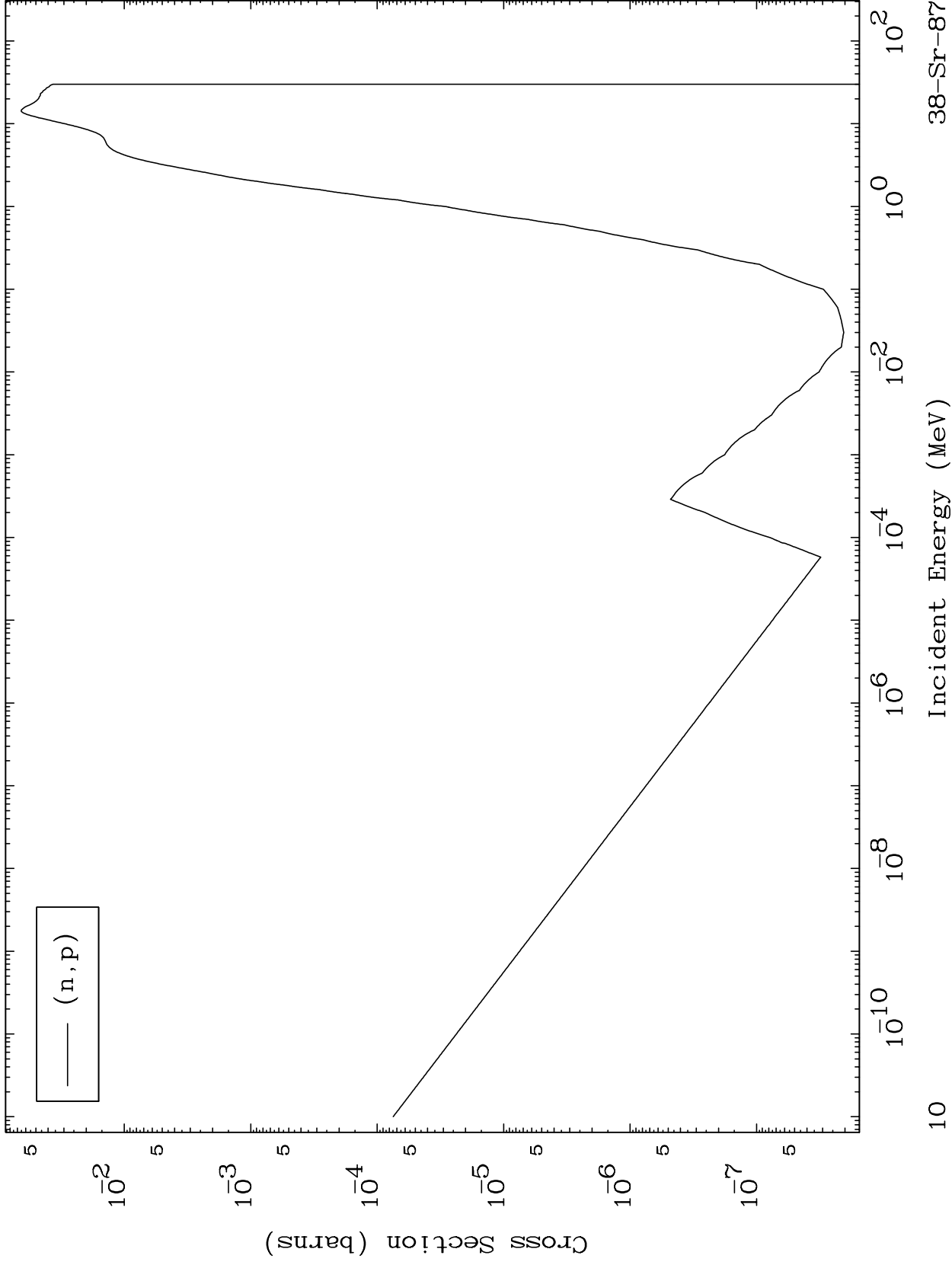
293 Kelvin Cross Sections



MAT 3835

(n,p) Levels
293 Kelvin Cross Sections

38-Sr-87



10

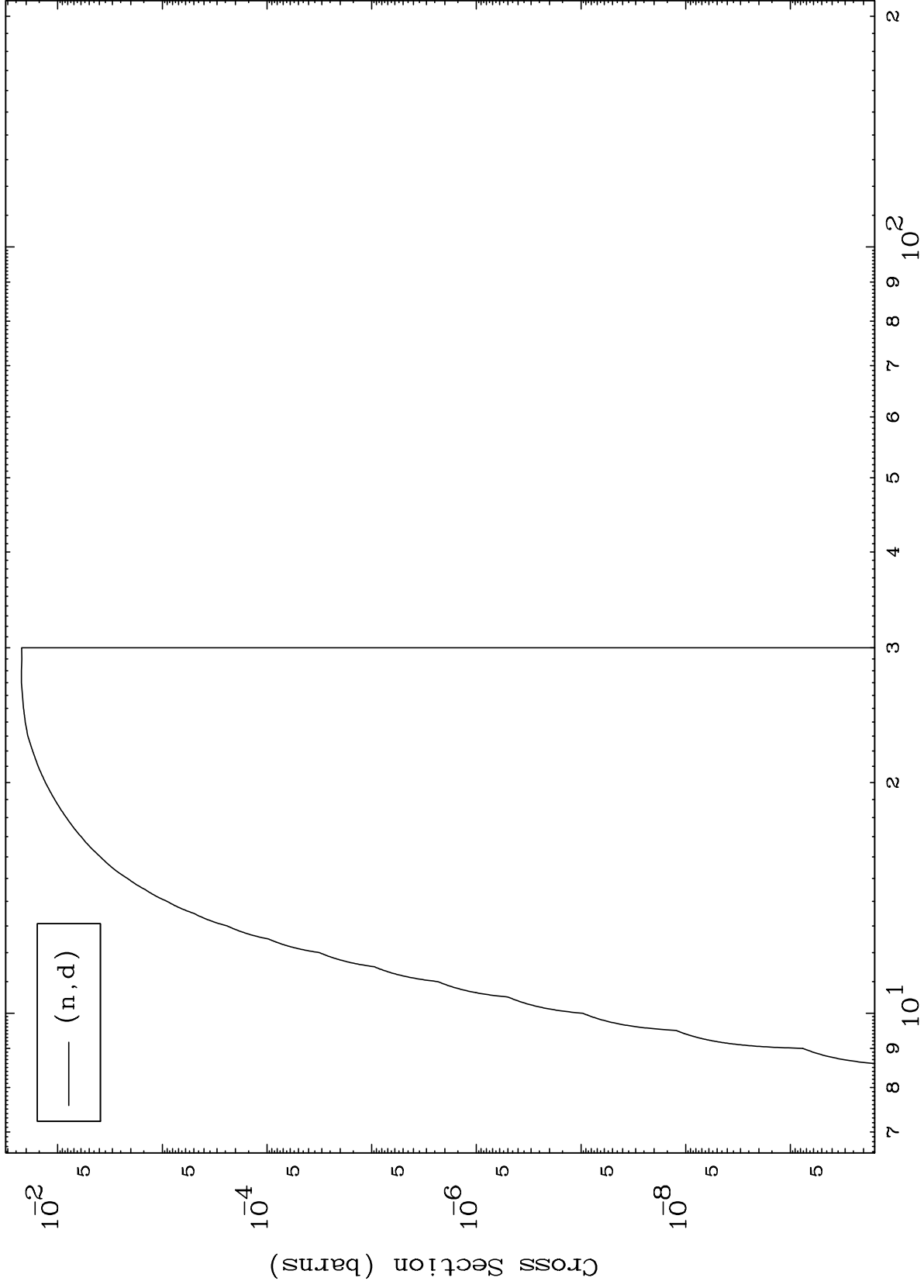
Incident Energy (MeV)

38-Sr-87

MAT 3835

(n,d) Levels
293 Kelvin Cross Sections

38-Sr-87



11

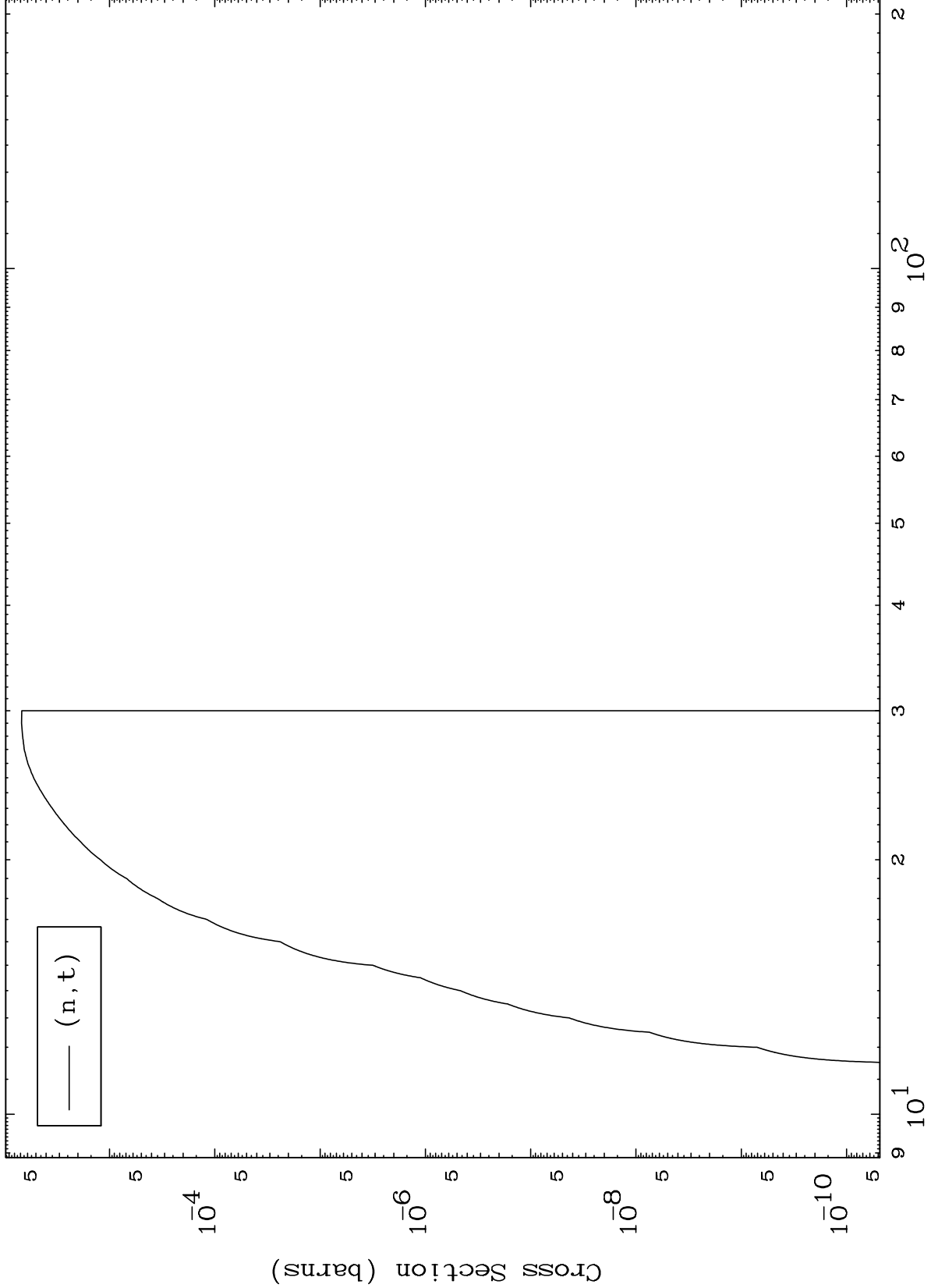
Incident Energy (MeV)

38-Sr-87

MAT 3835

(n,t) Levels
293 Kelvin Cross Sections

38-Sr-87



Incident Energy (MeV)

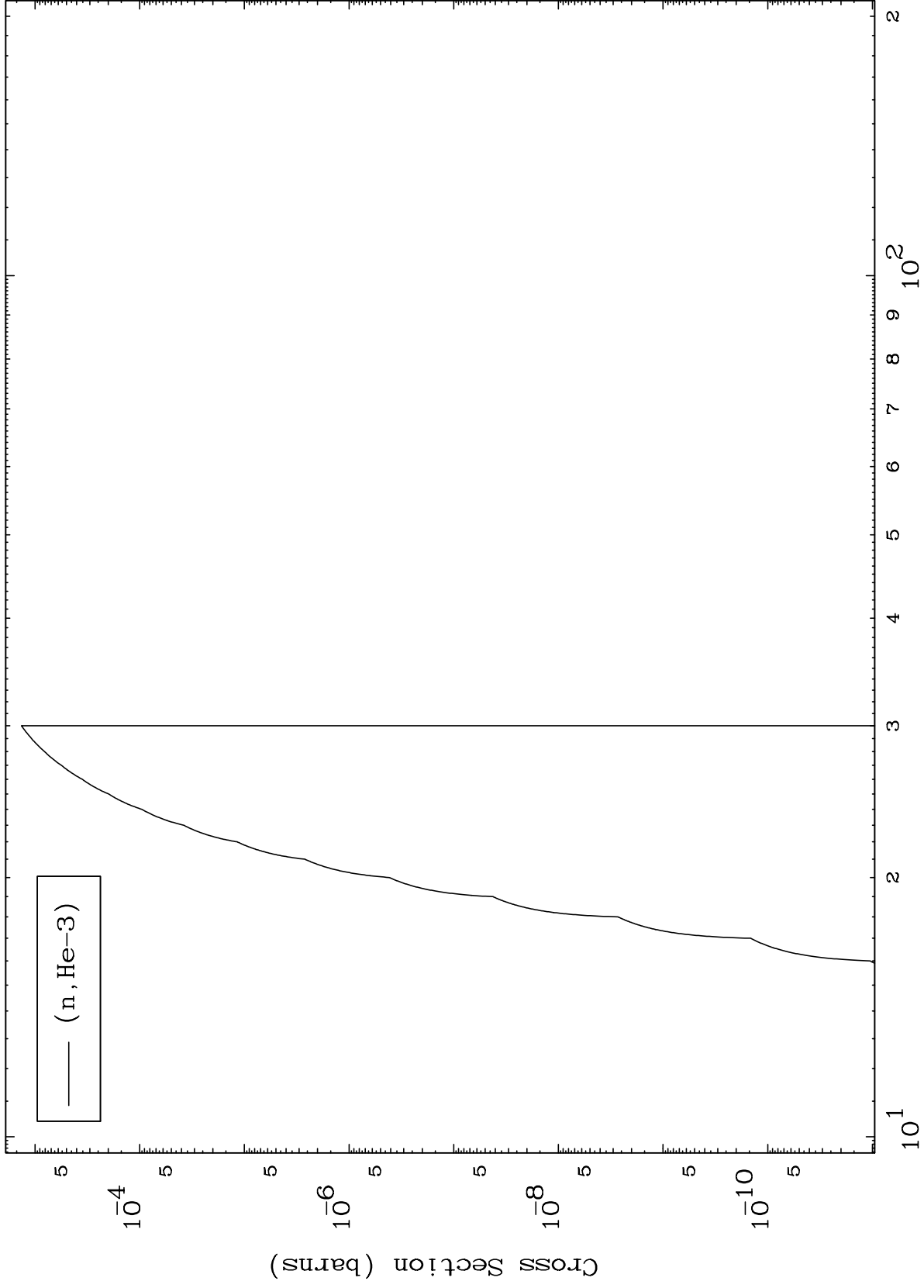
38-Sr-87

12

MAT 3835

(n,He3) Levels
293 Kelvin Cross Sections

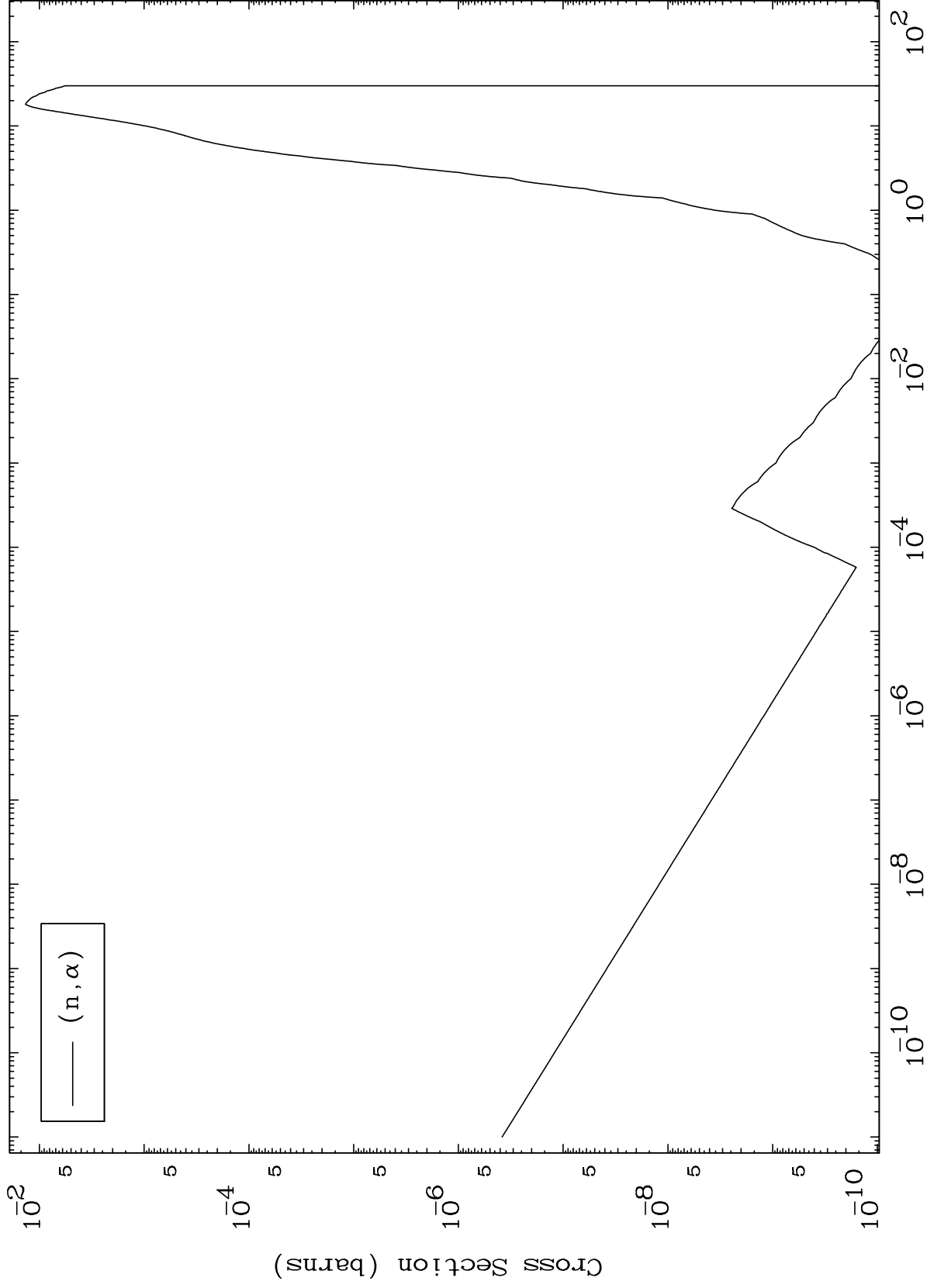
38-Sr-87

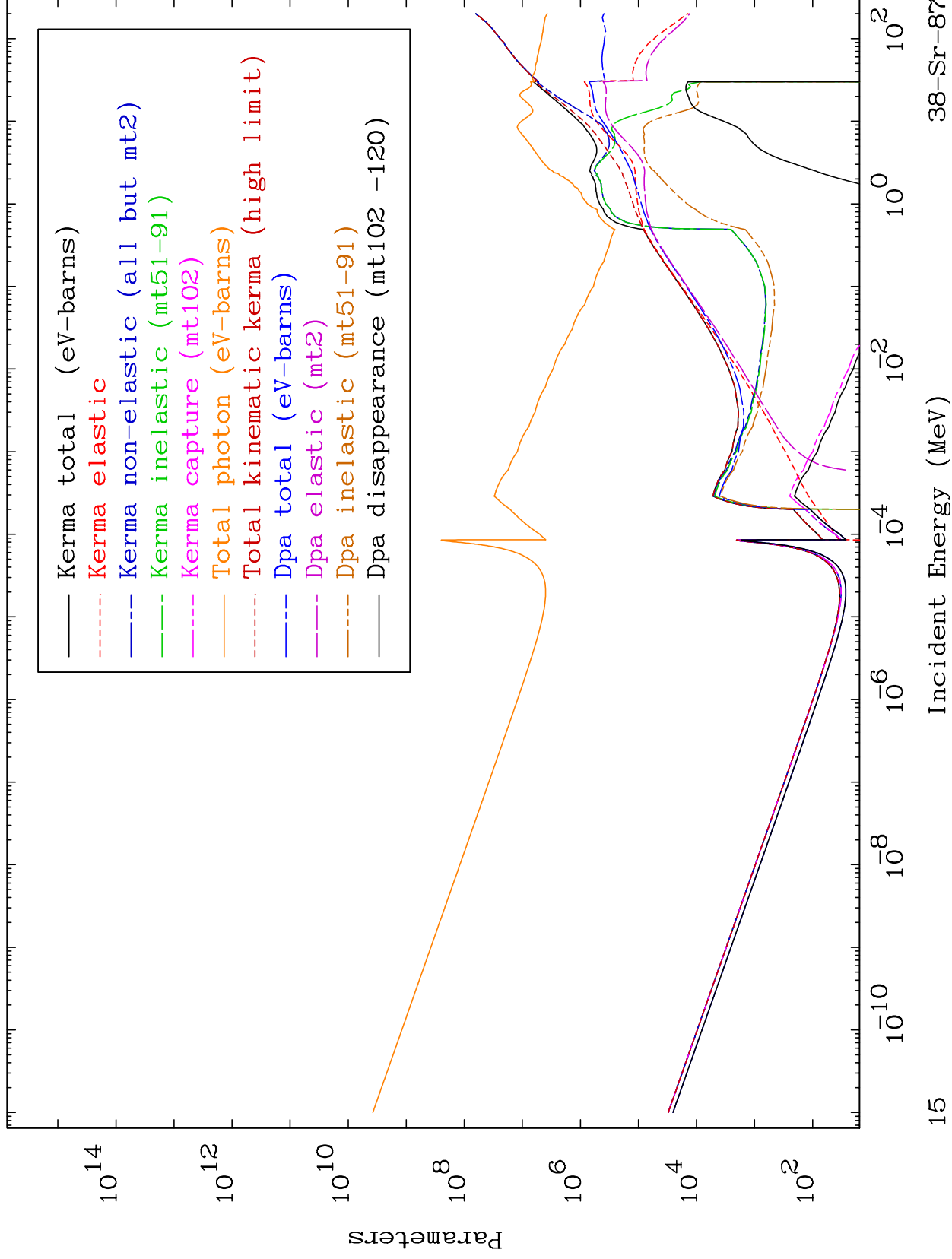


MAT 3835

(n, α) Levels
293 Kelvin Cross Sections

38-Sr-87

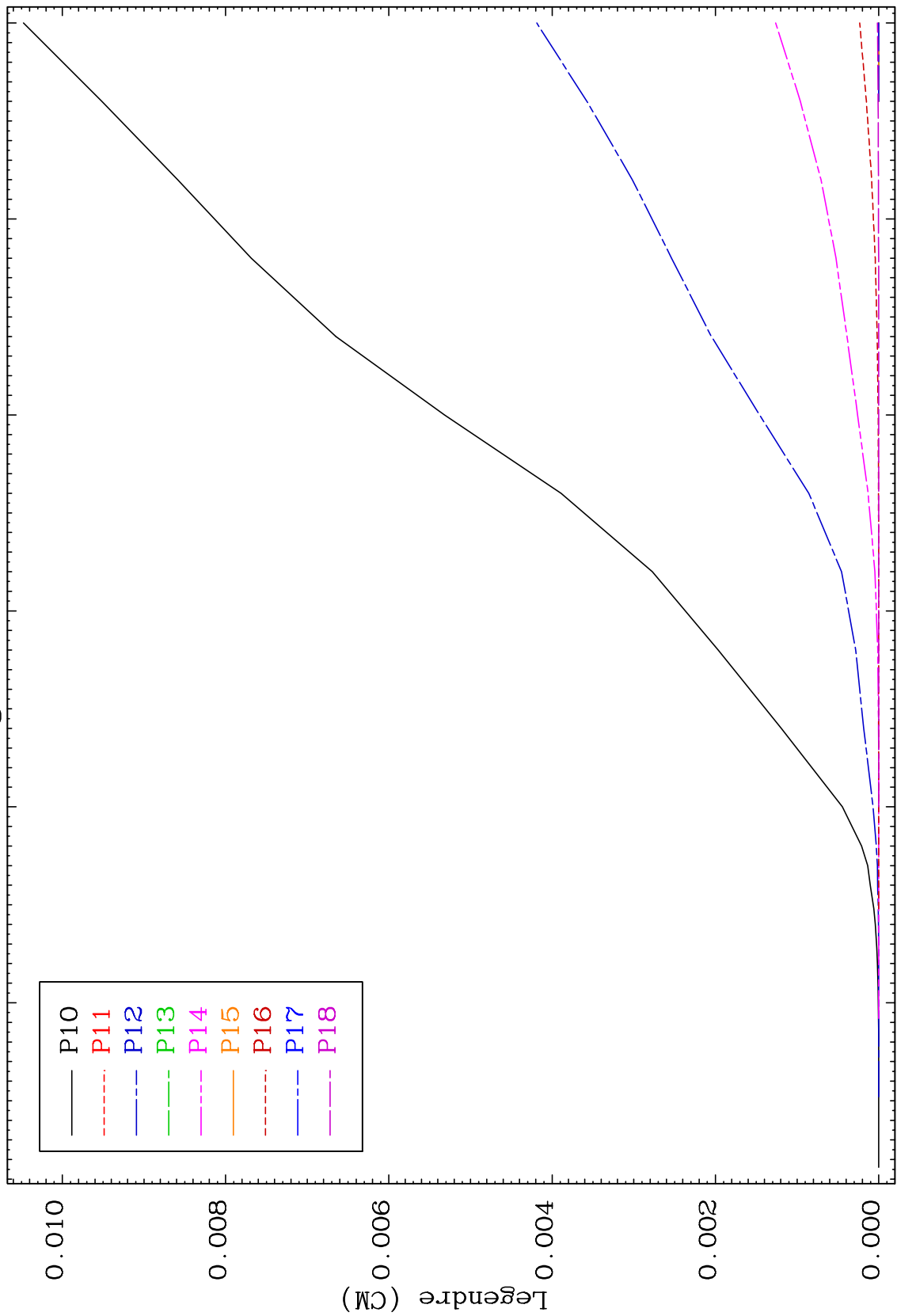




MAT 3835

Elastic
Legendre Coefficients

38-Sr-87



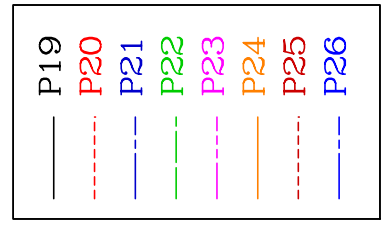
17

38-Sr-87

MAT 3835

Elastic Legendre Coefficients

38-Sr-87



$\times 10^{-7}$

Legendre (CM)



18

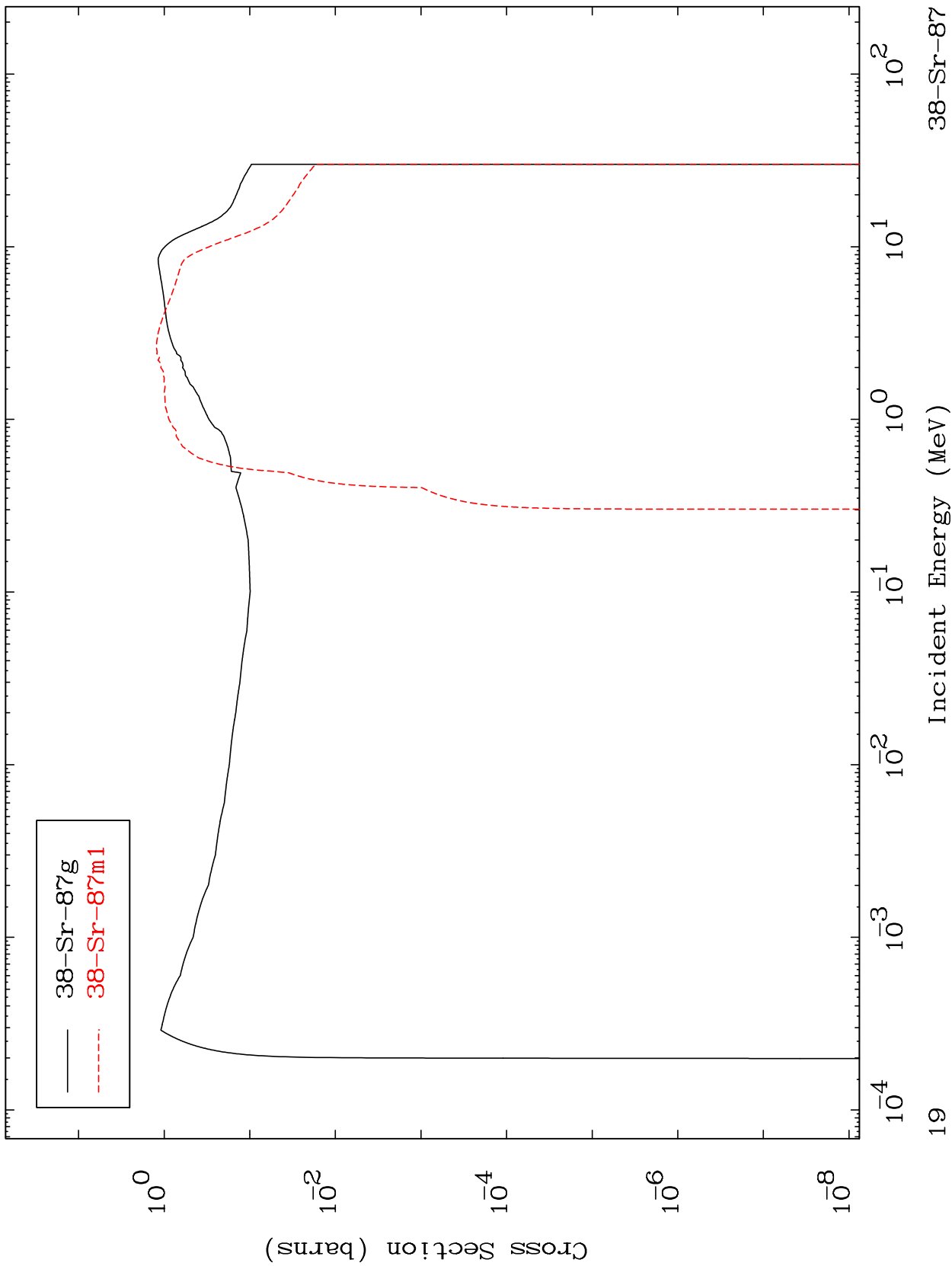
Incident Energy (MeV)

38-Sr-87

MAT 3835

38-Sr-87

Radionuclide Production Cross Section



19

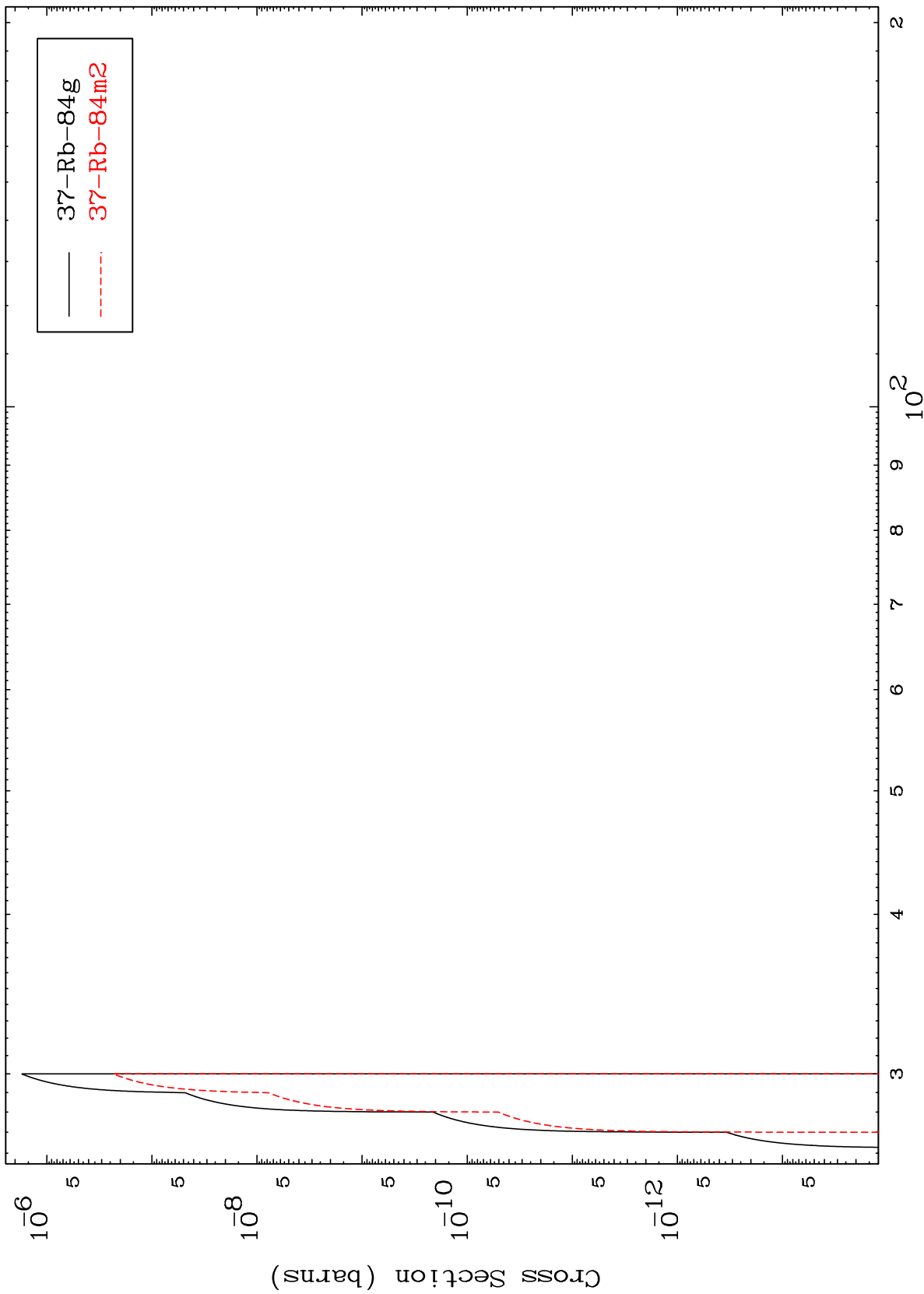
38-Sr-87

MAT 3835

(n,2n) d

38-Sr-87

Radionuclide Production Cross Section



20

Incident Energy (MeV)

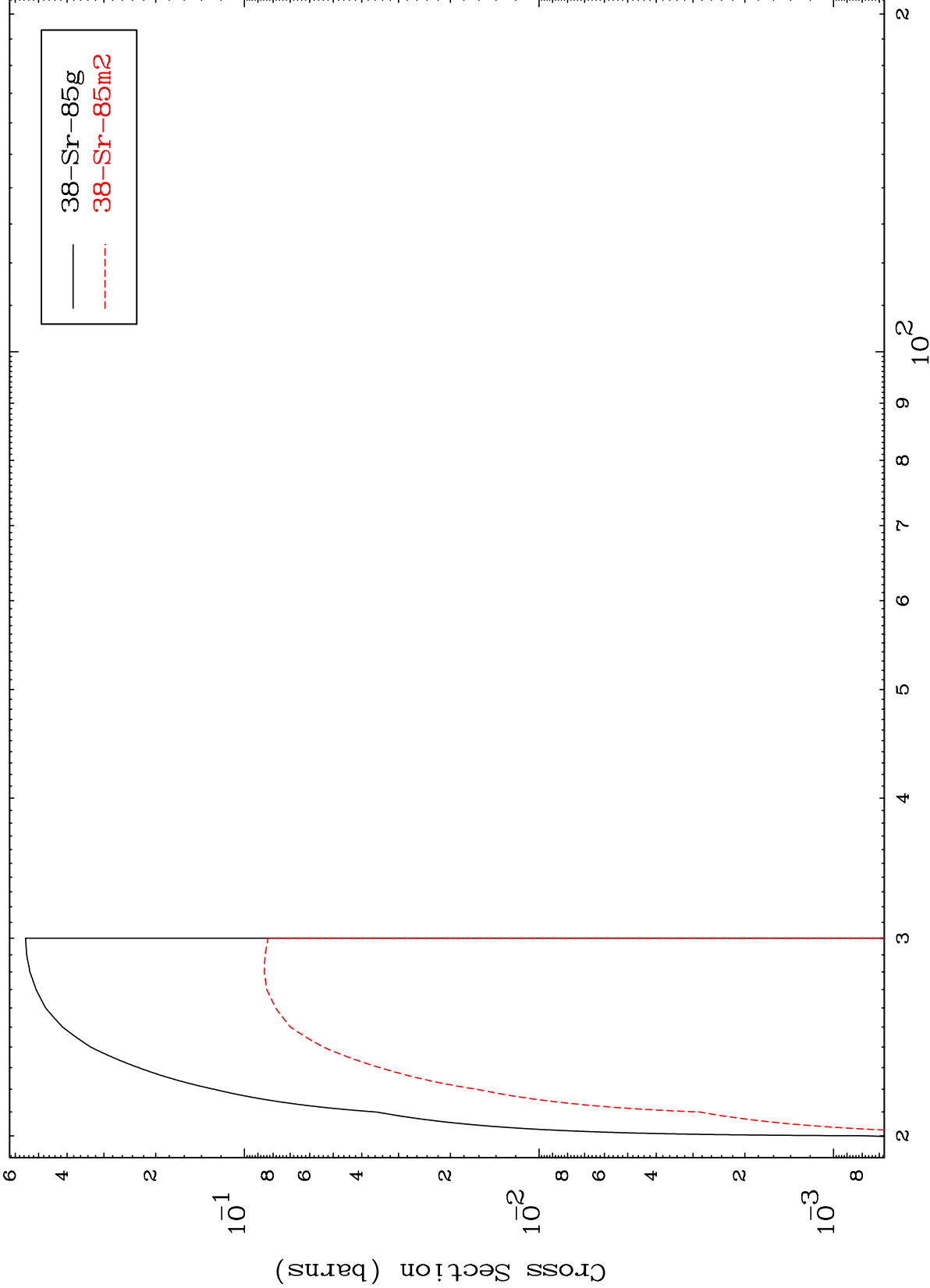
38-Sr-87

MAT 3835

(n,3n)

38-Sr-87

Radionuclide Production Cross Section



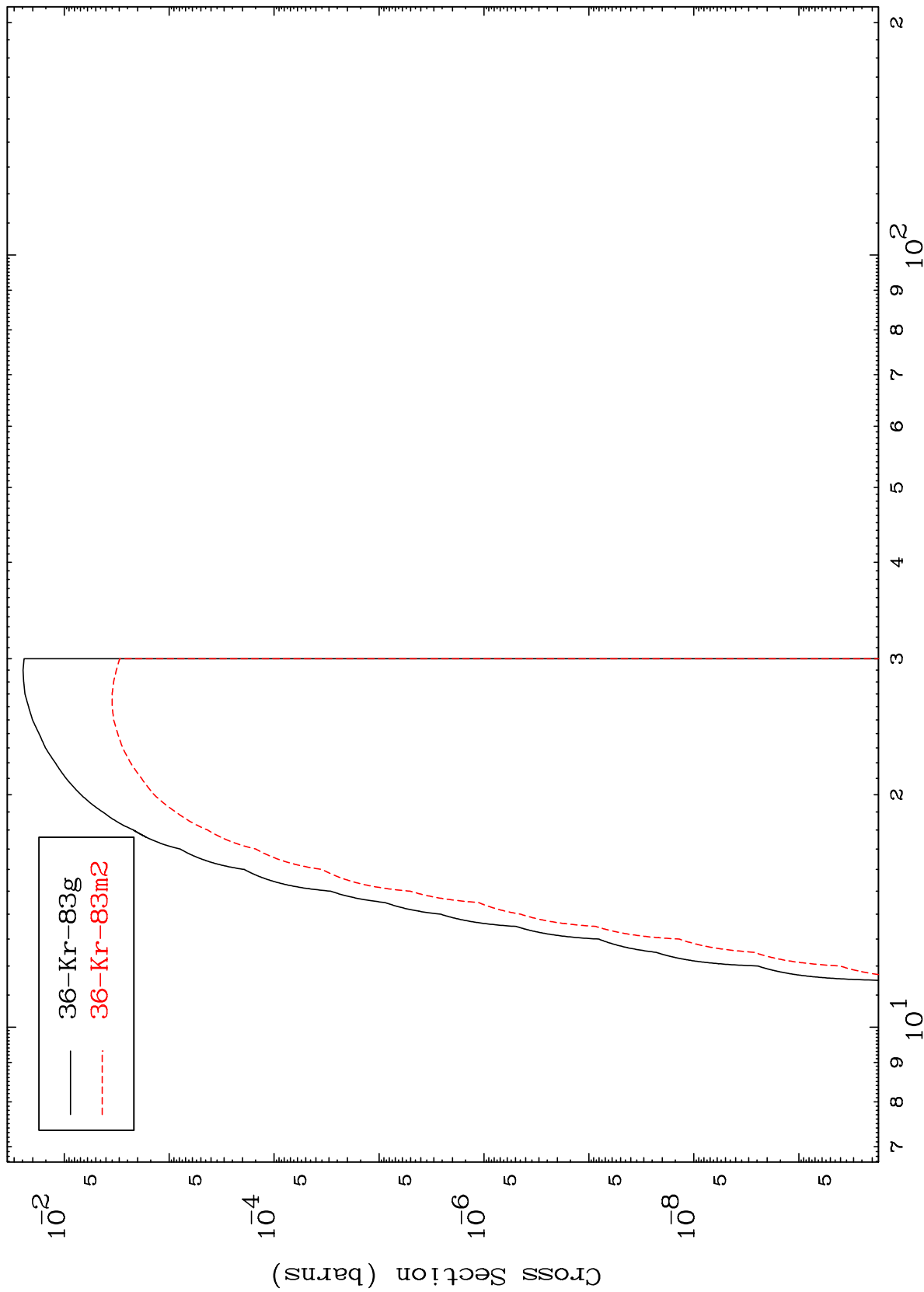
38-Sr-85g
38-Sr-85m2

MAT 3835

(n,n') α

38-Sr-87

Radionuclide Production Cross Section



22

Incident Energy (MeV)

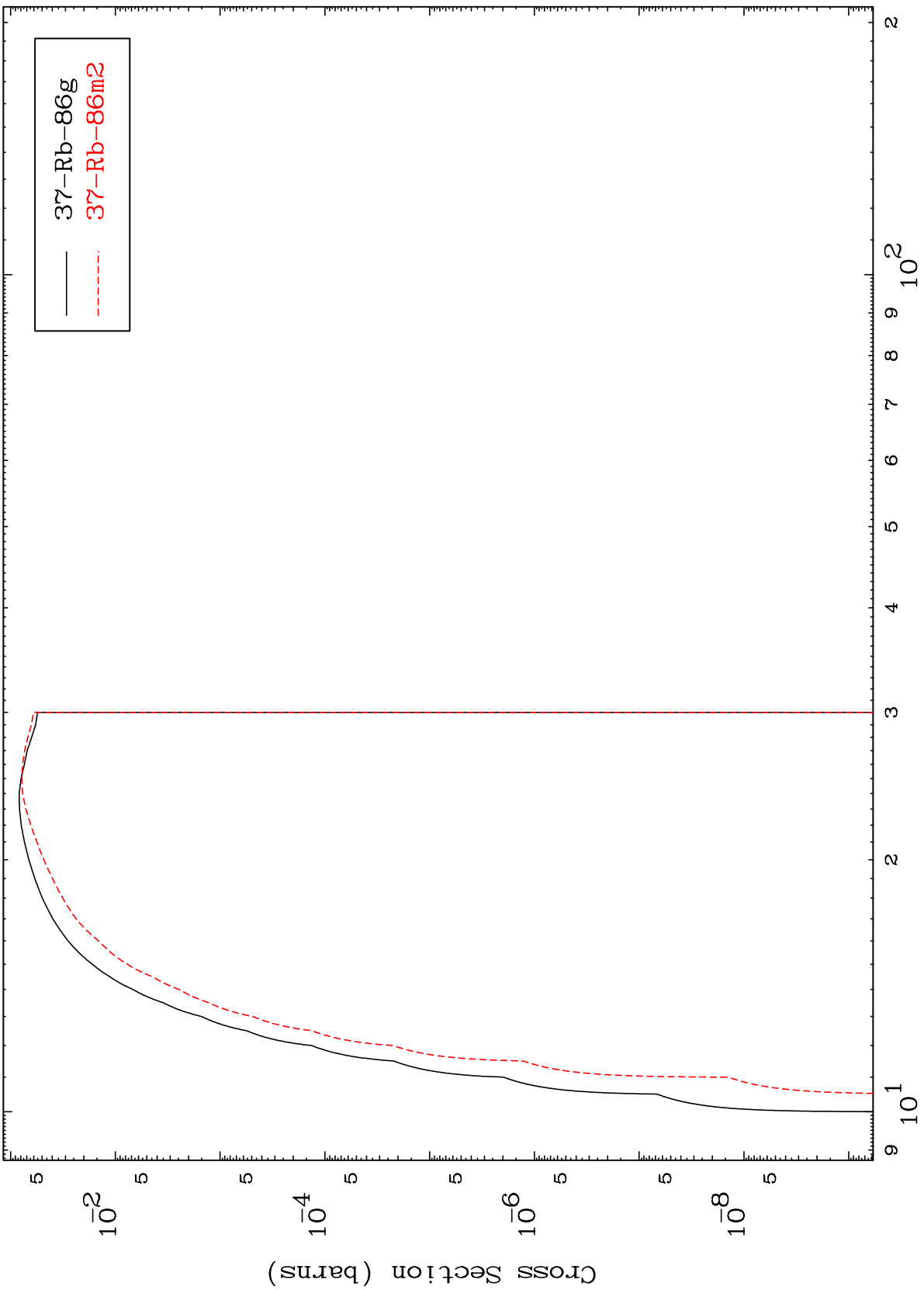
38-Sr-87

MAT 3835

(n,n') p

38-Sr-87

Radionuclide Production Cross Section



23

Incident Energy (MeV)

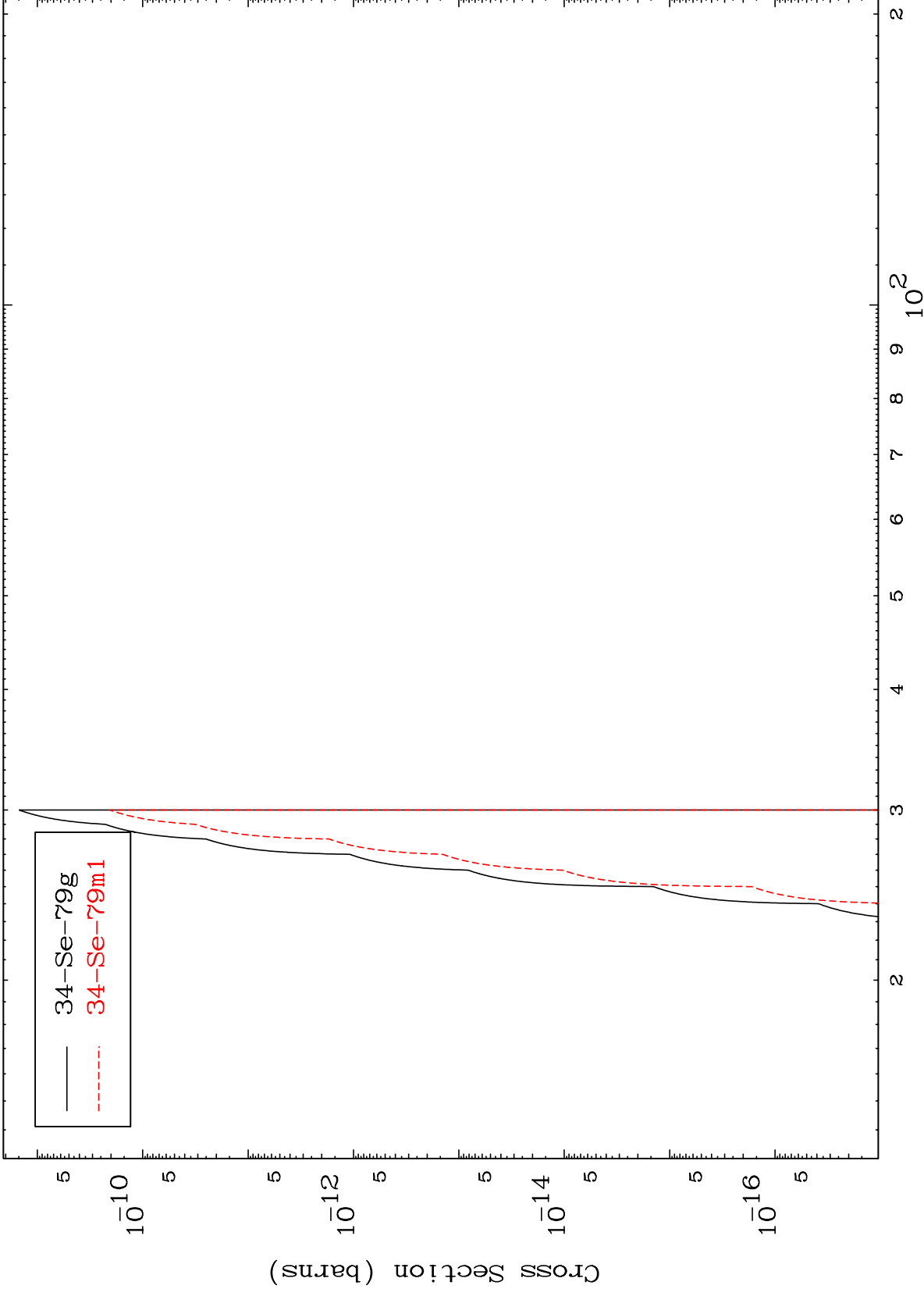
38-Sr-87

MAT 3835

(n,n') 2α

38-Sr-87

Radionuclide Production Cross Section



24

Incident Energy (MeV)

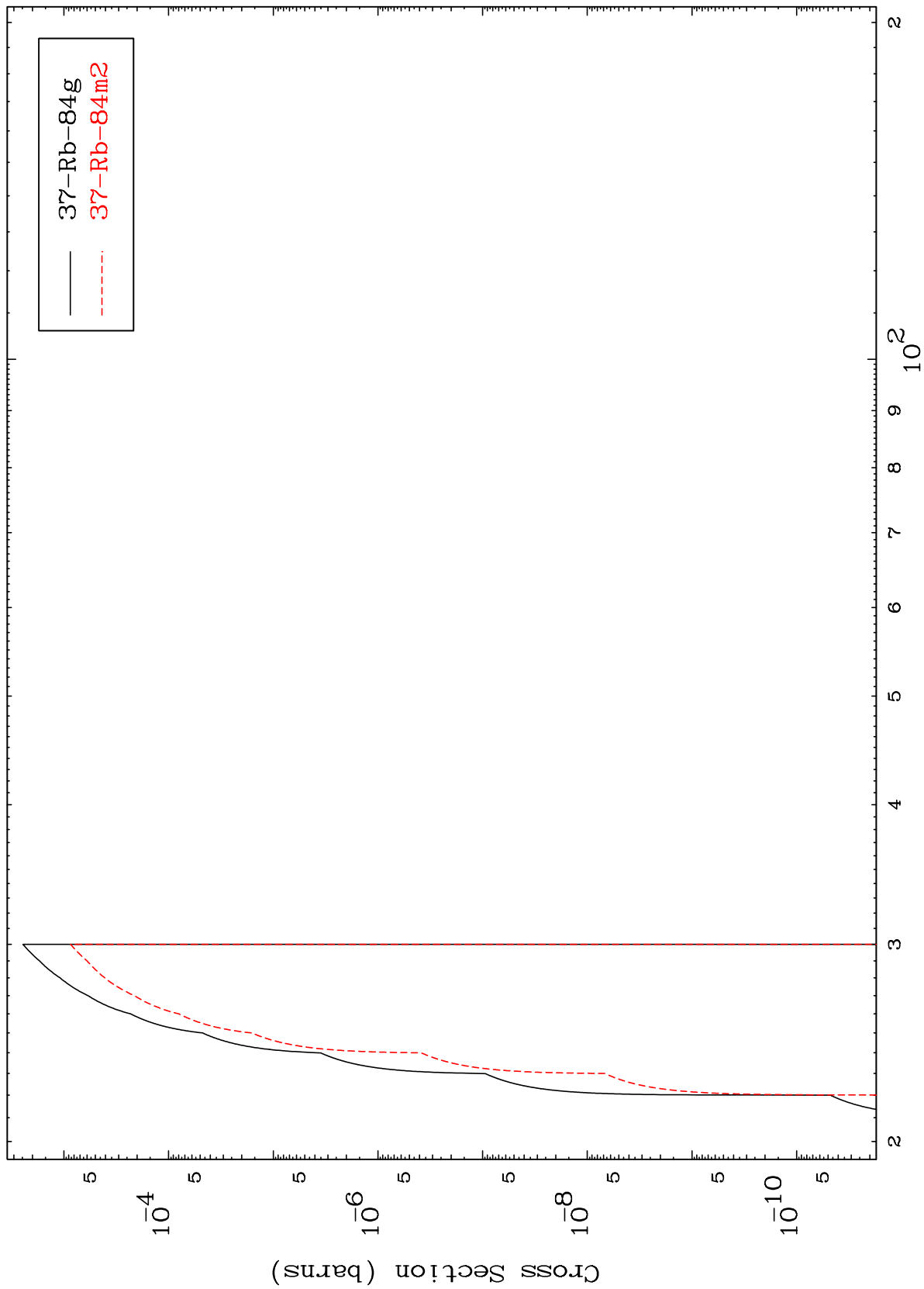
38-Sr-87

MAT 3835

(n,n') t

38-Sr-87

Radionuclide Production Cross Section

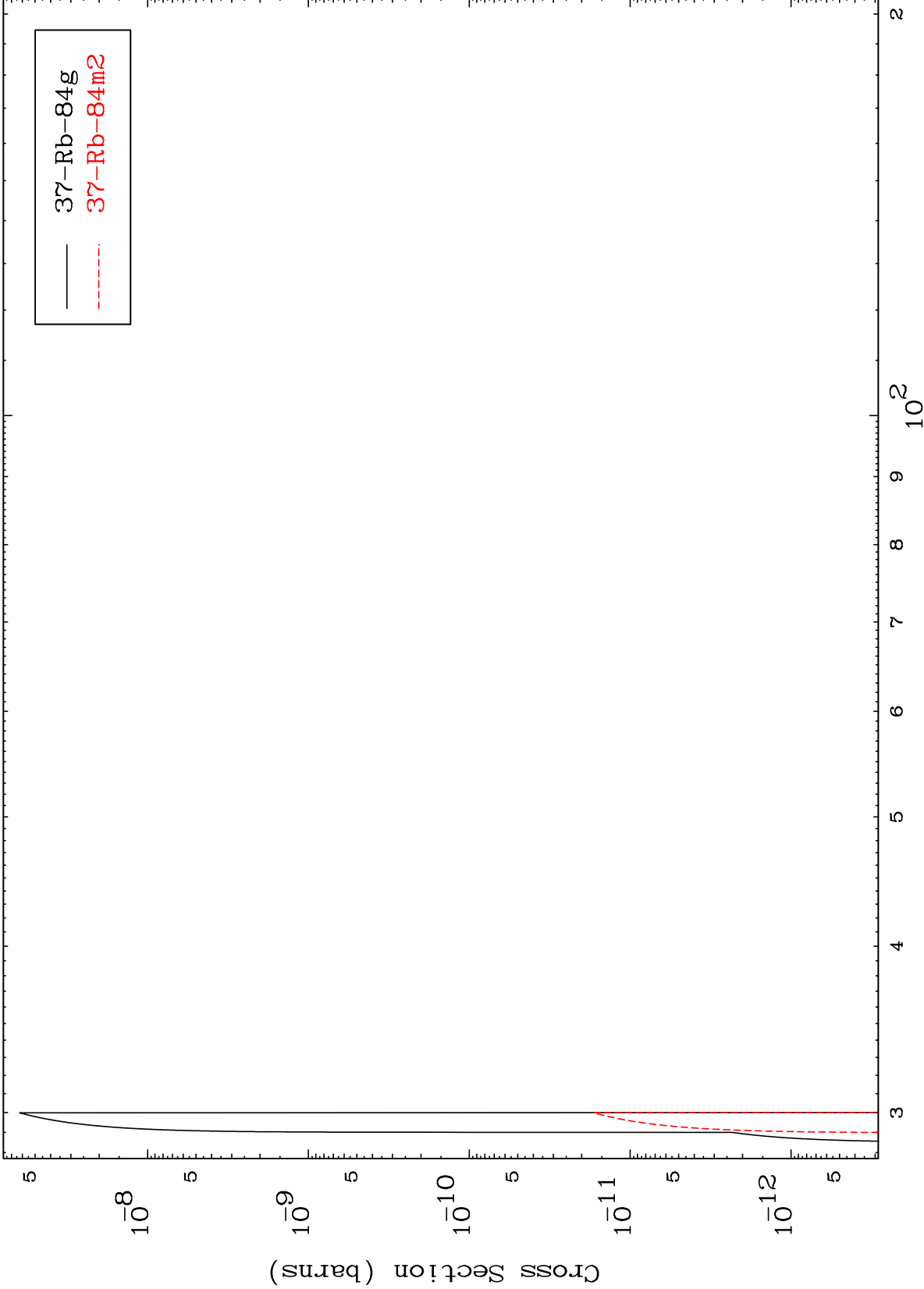


25

Incident Energy (MeV)

38-Sr-87

Radionuclide Production Cross Section

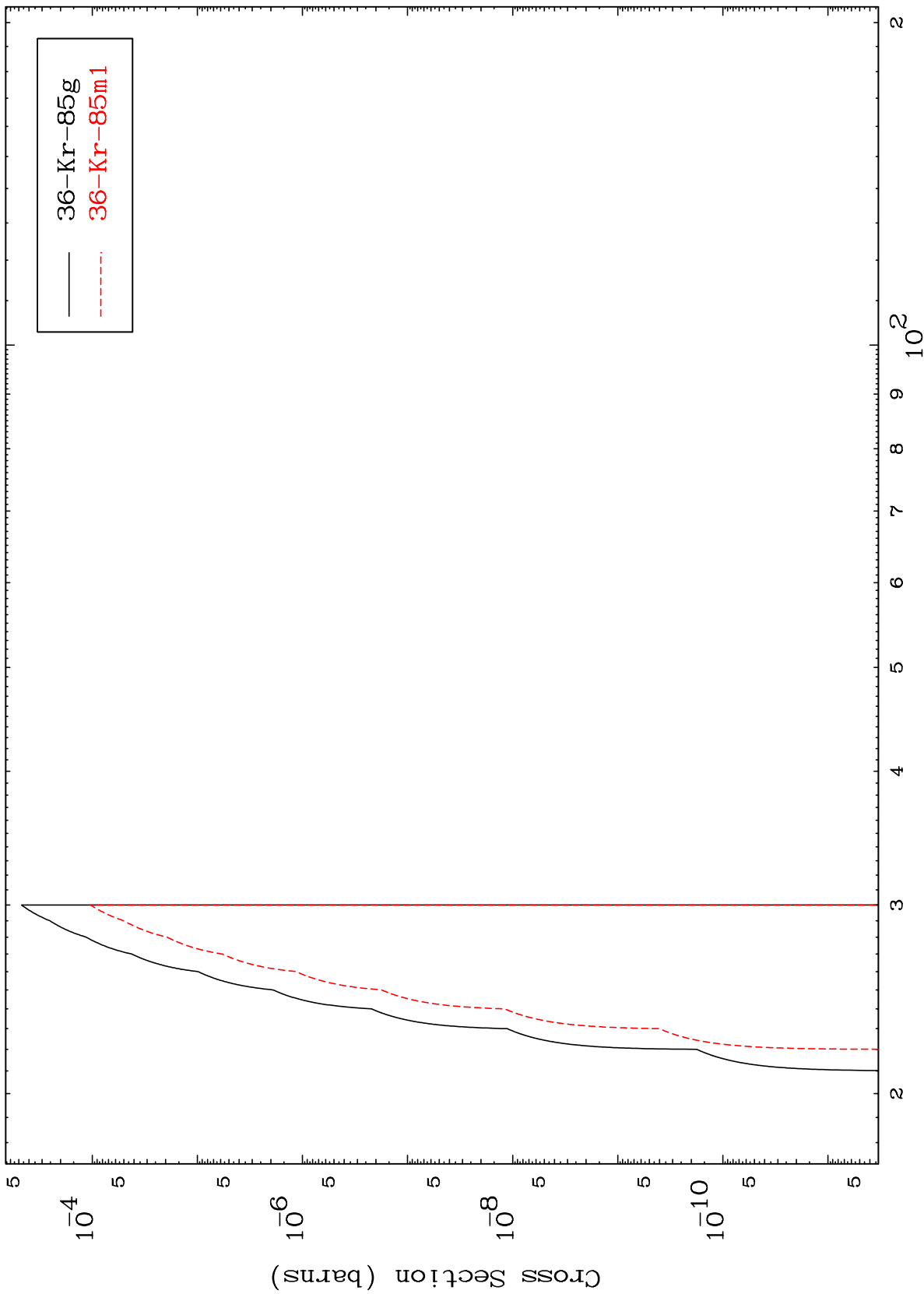


MAT 3835

(n,2n) p

38-Sr-87

Radionuclide Production Cross Section



27

Incident Energy (MeV)

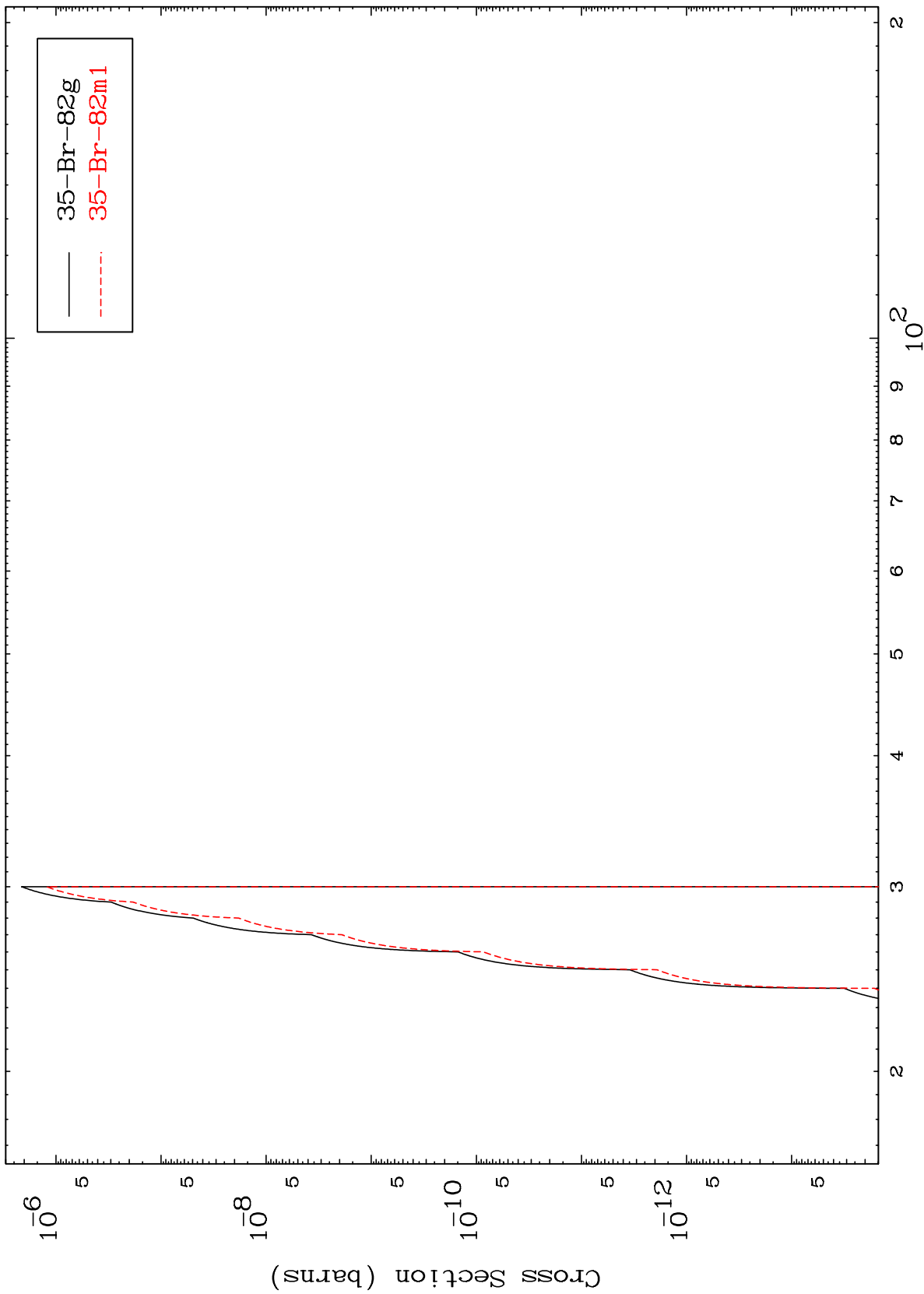
38-Sr-87

MAT 3835

(n,n') p α

38-Sr-87

Radionuclide Production Cross Section



28

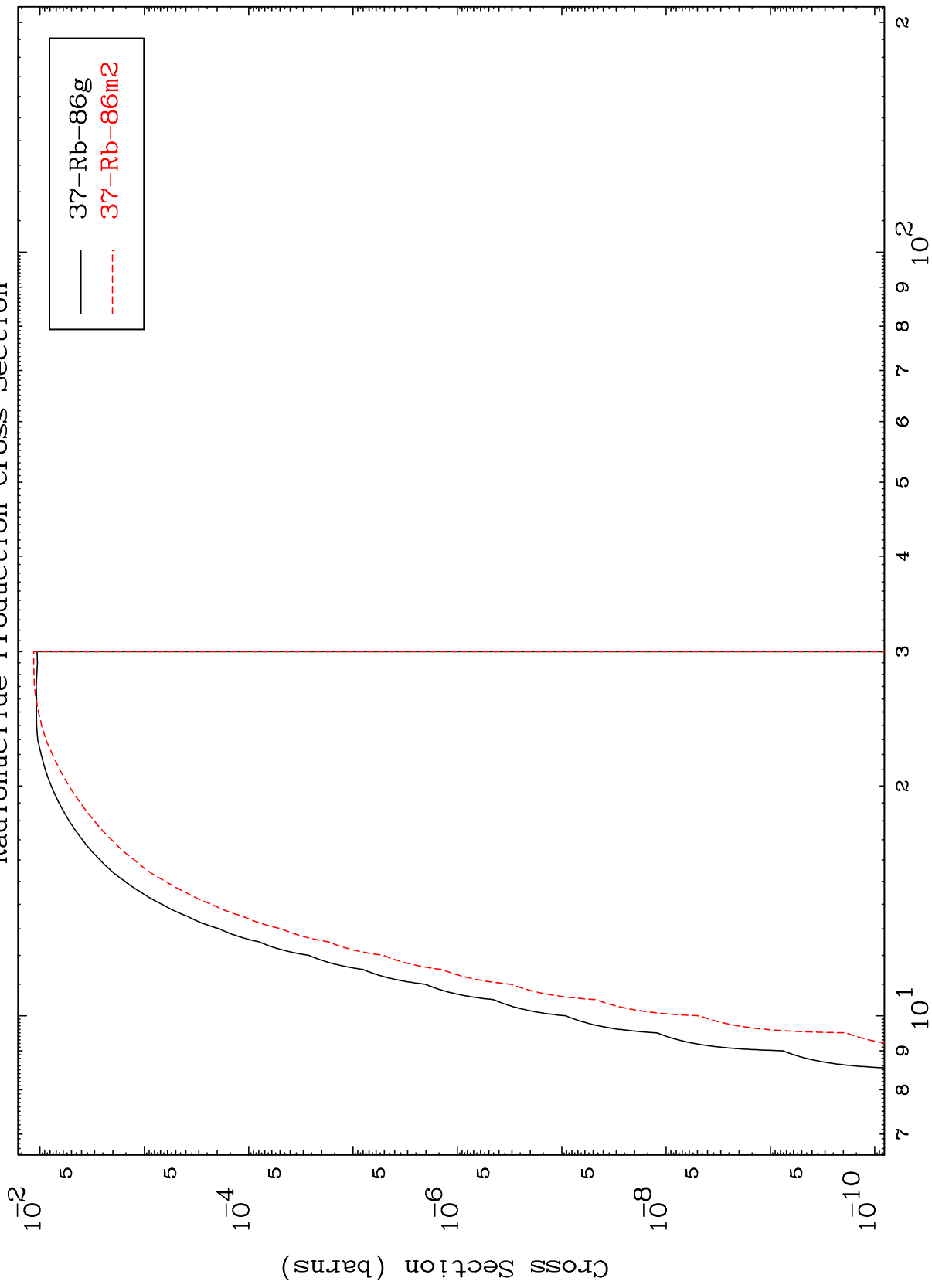
Incident Energy (MeV)

38-Sr-87

MAT 3835

38-Sr-87

(n,d)
Radionuclide Production Cross Section



29

Incident Energy (MeV)

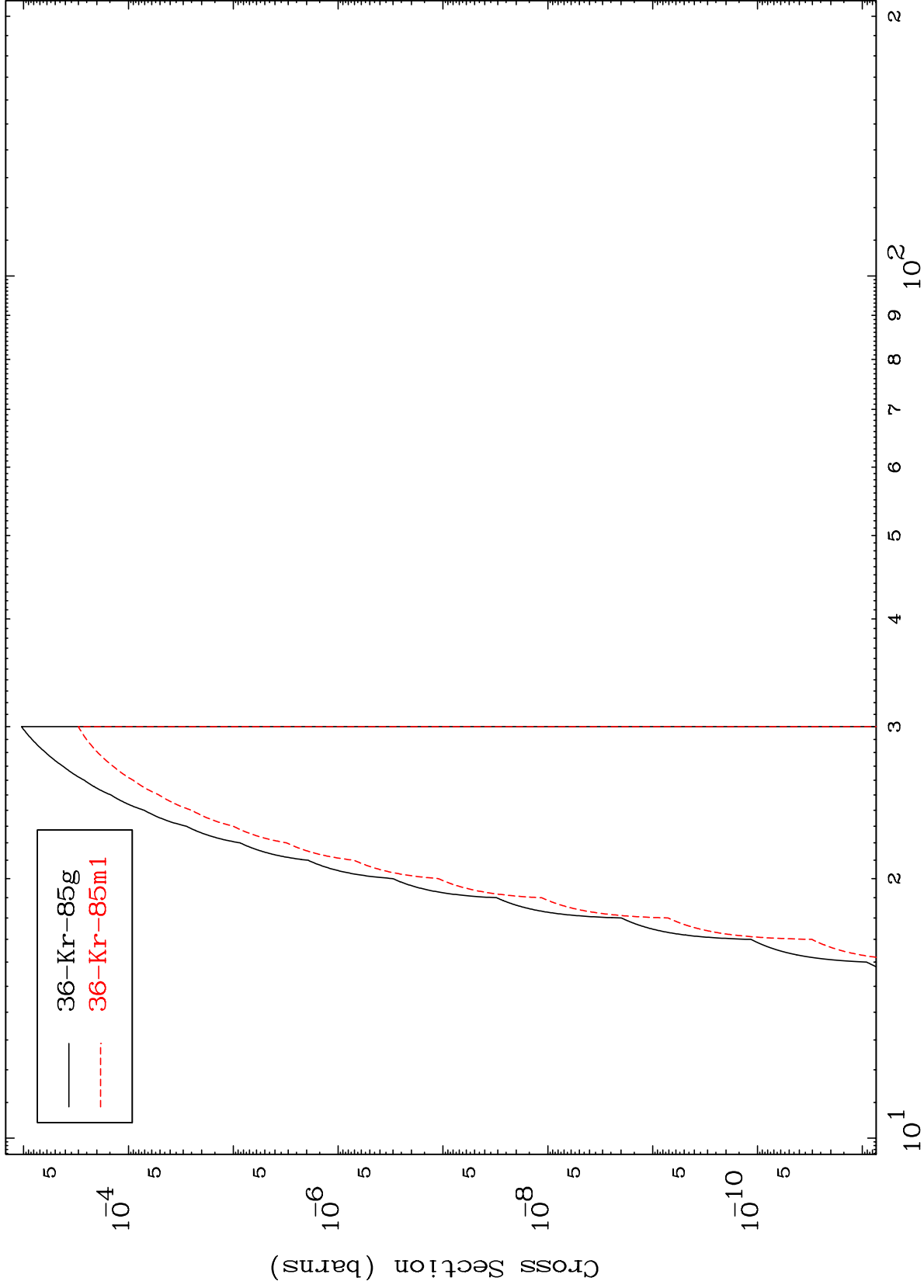
38-Sr-87

MAT 3835

(n,He-3)

38-Sr-87

Radionuclide Production Cross Section



38-Sr-87

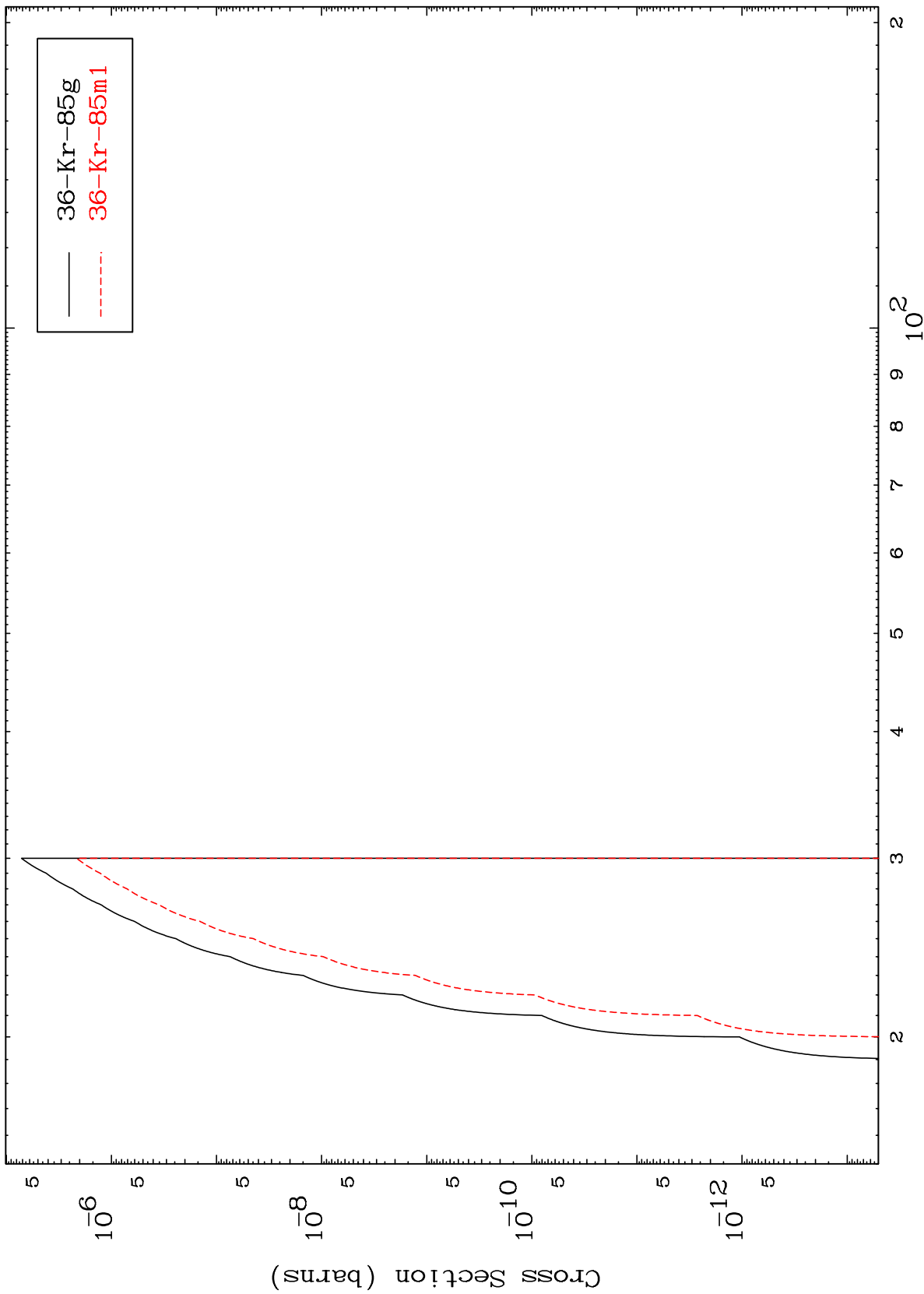
38-Sr-87

MAT 3835

(n,p) d

38-Sr-87

Radionuclide Production Cross Section



31

Incident Energy (MeV)

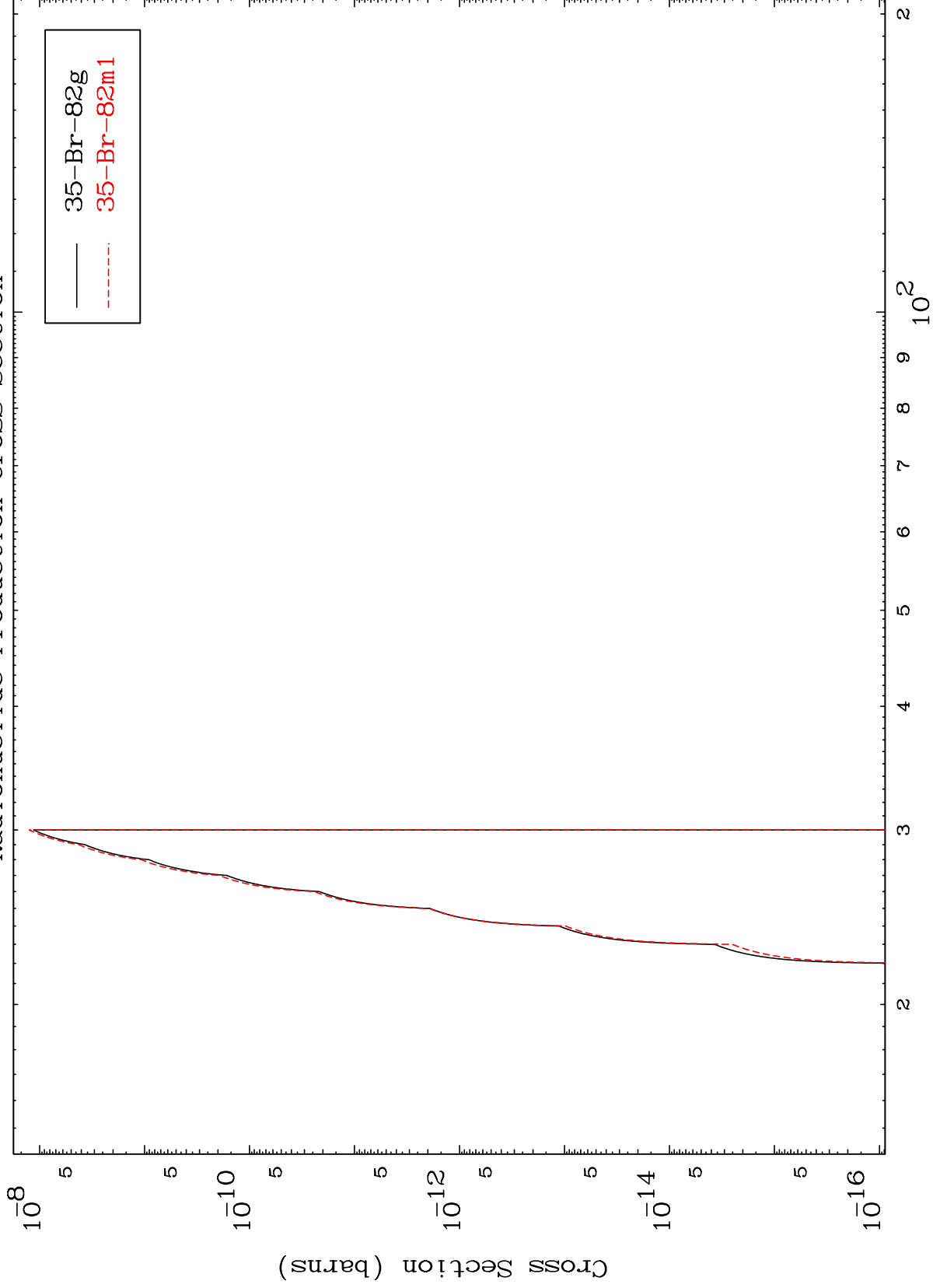
38-Sr-87

MAT 3835

(n,d) α

38-Sr-87

Radionuclide Production Cross Section



32

Incident Energy (MeV)

38-Sr-87