

Program EVALPLOT
(Version 2015-2)

by

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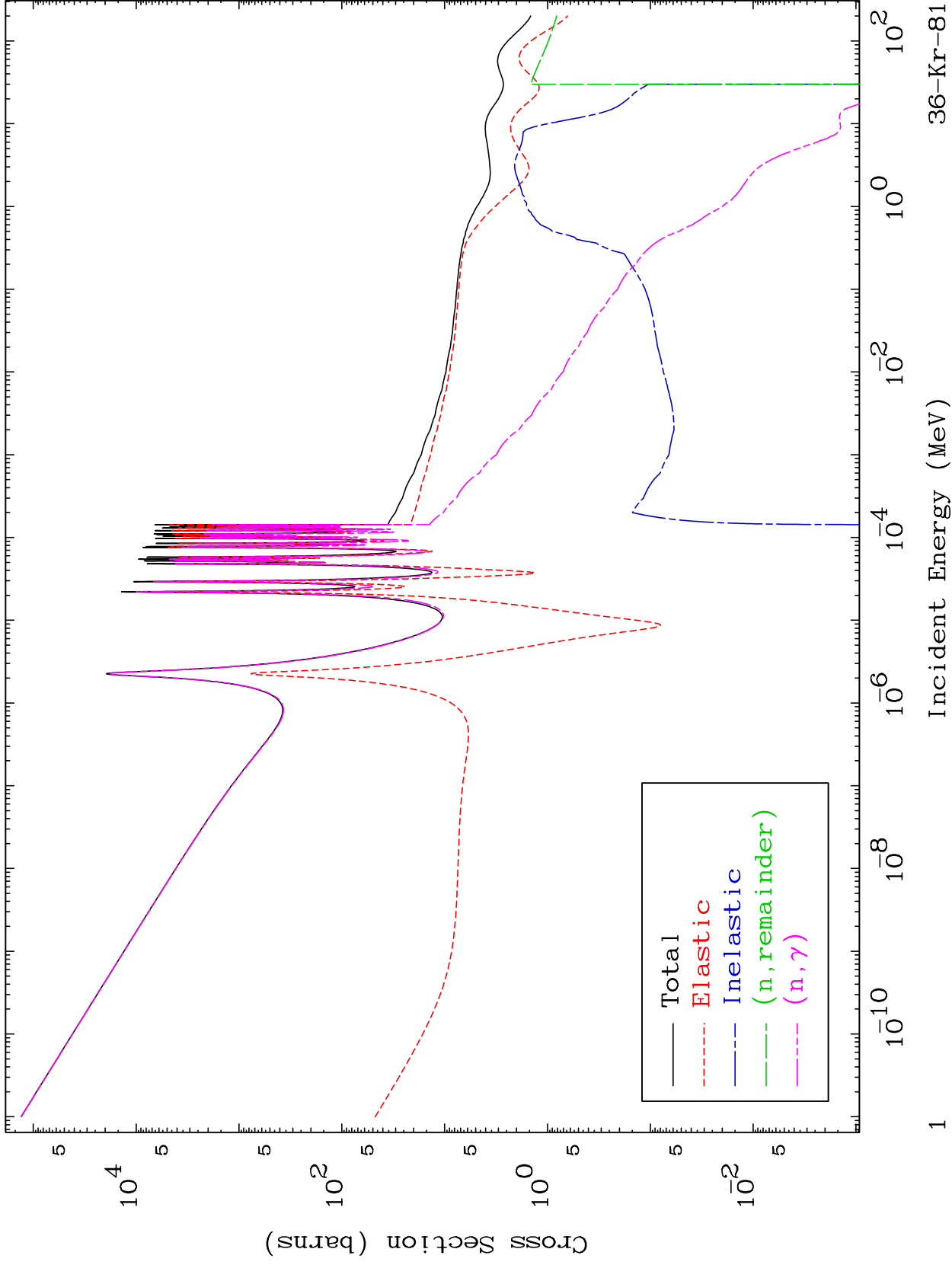
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

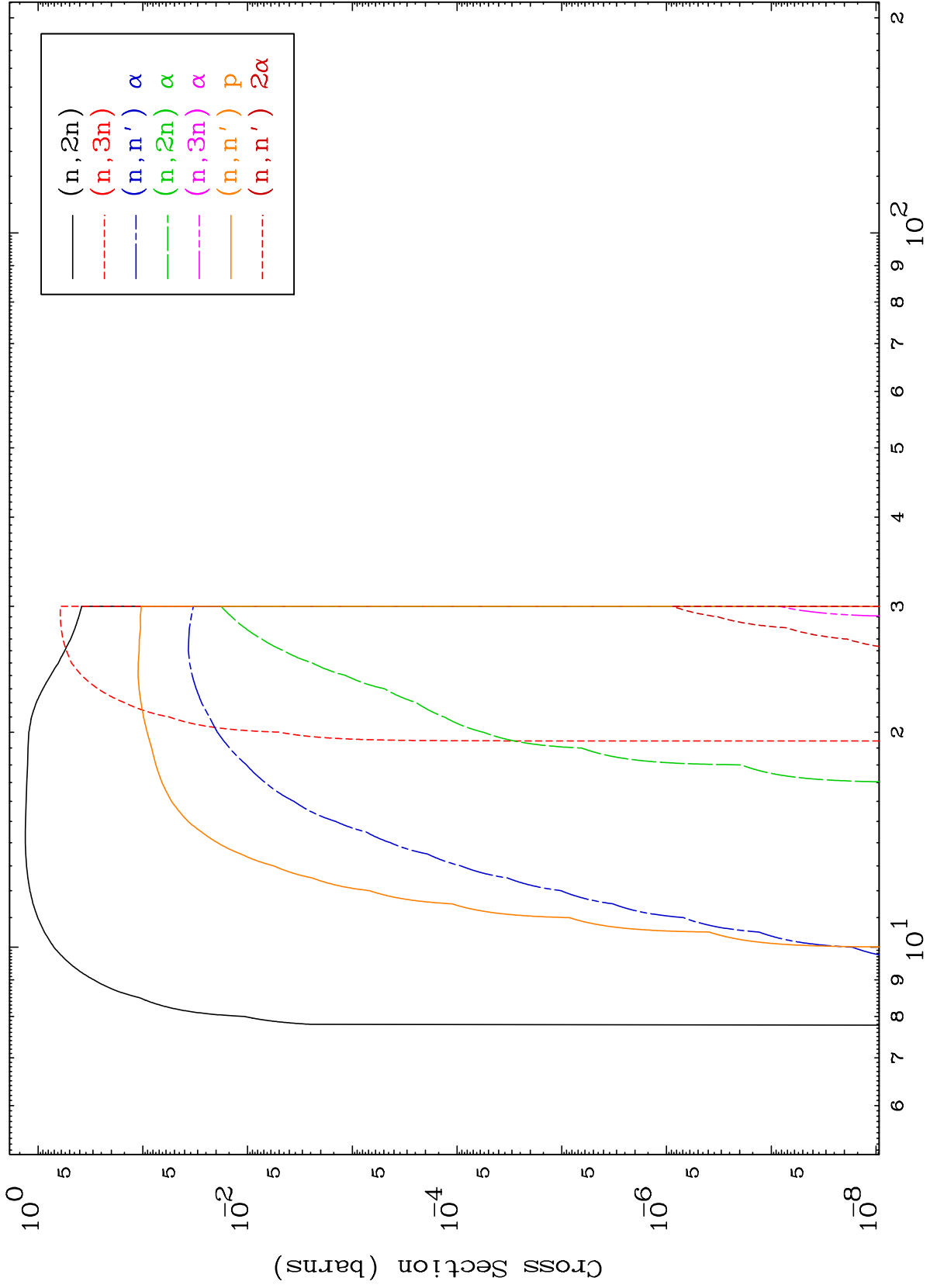
Press Mouse Button to Start

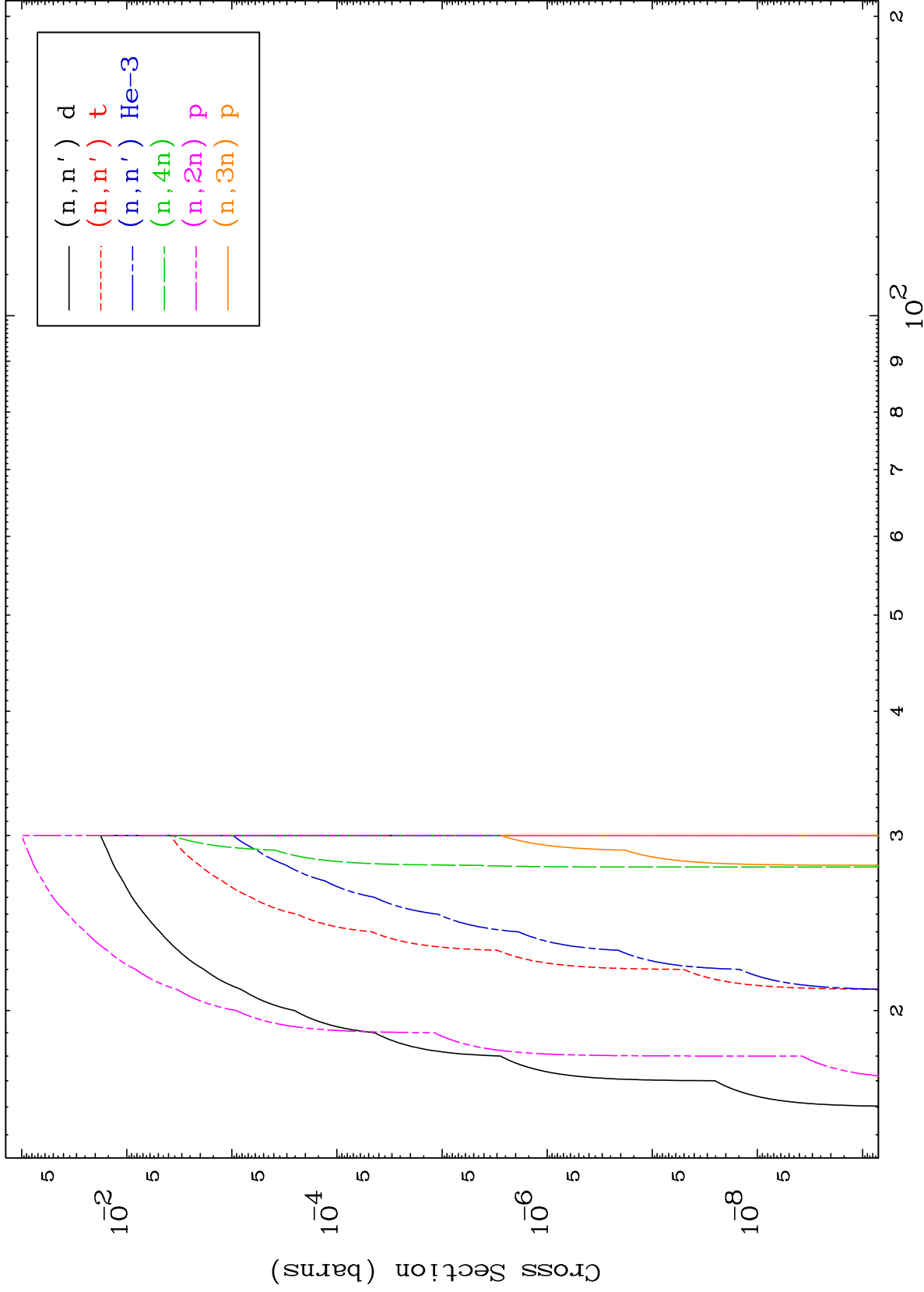
MAT 3635

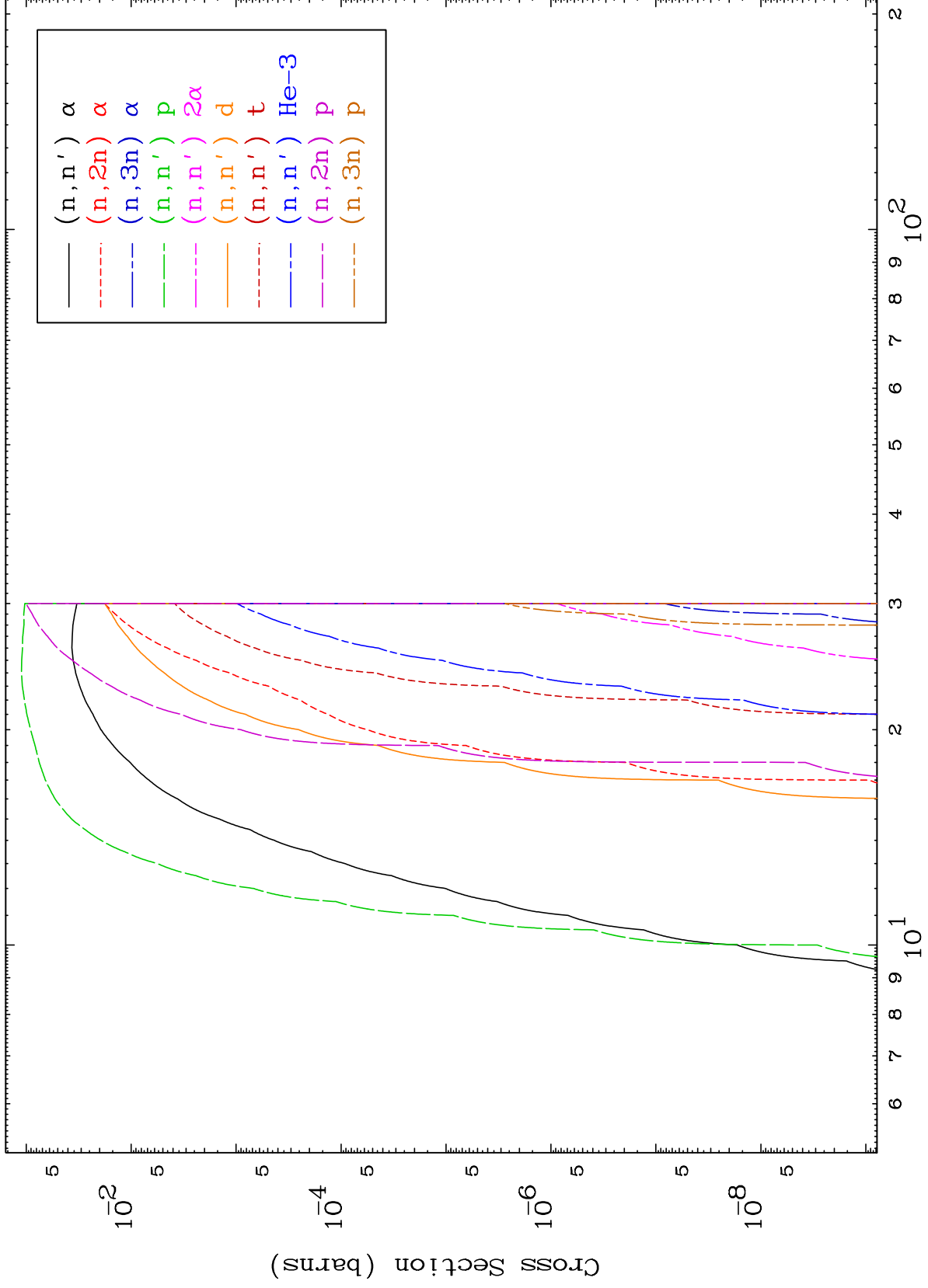
Major
293 Kelvin Cross Sections

36-Kr-81





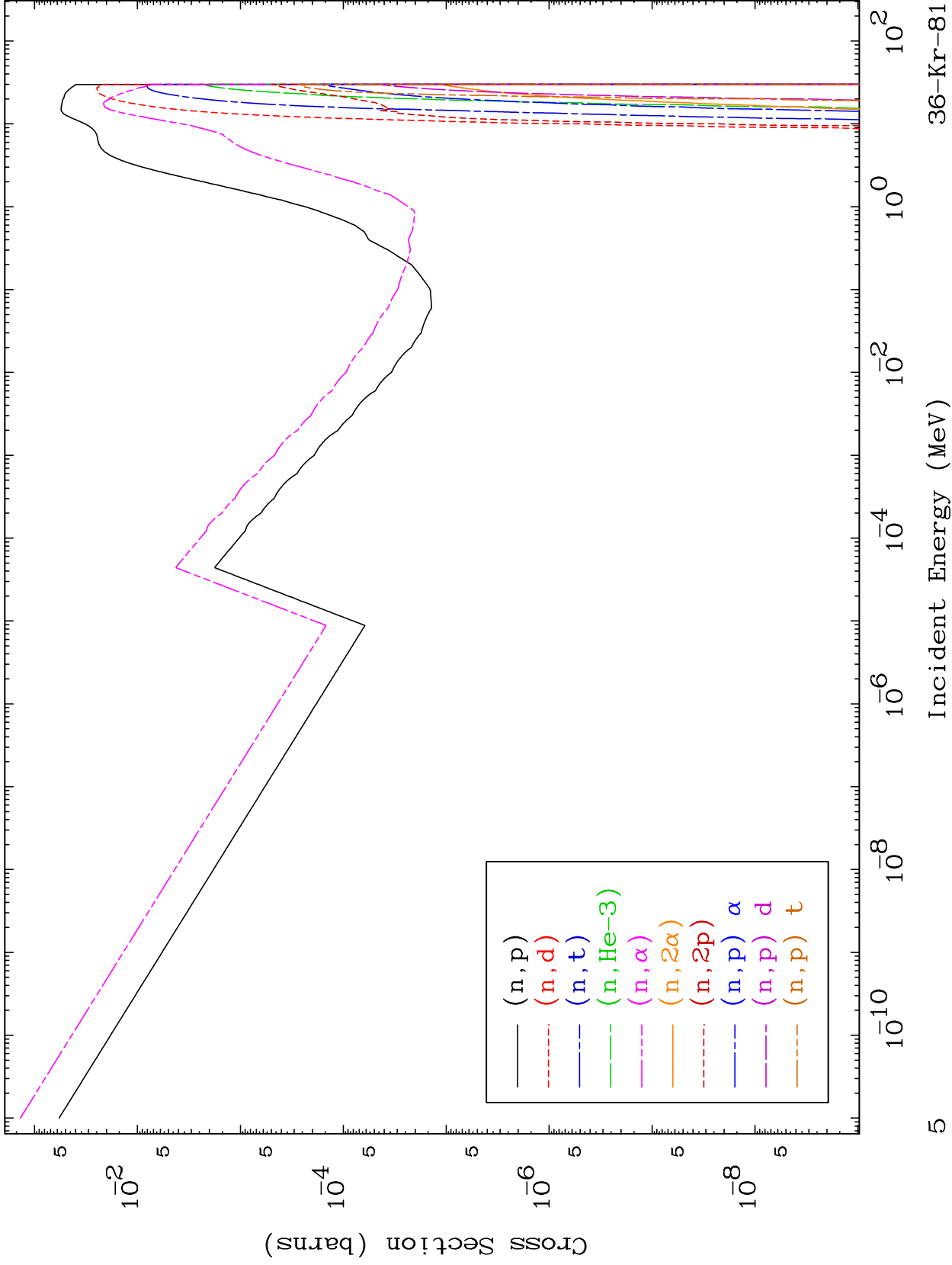




MAT 3635

Charged Particle
293 Kelvin Cross Sections

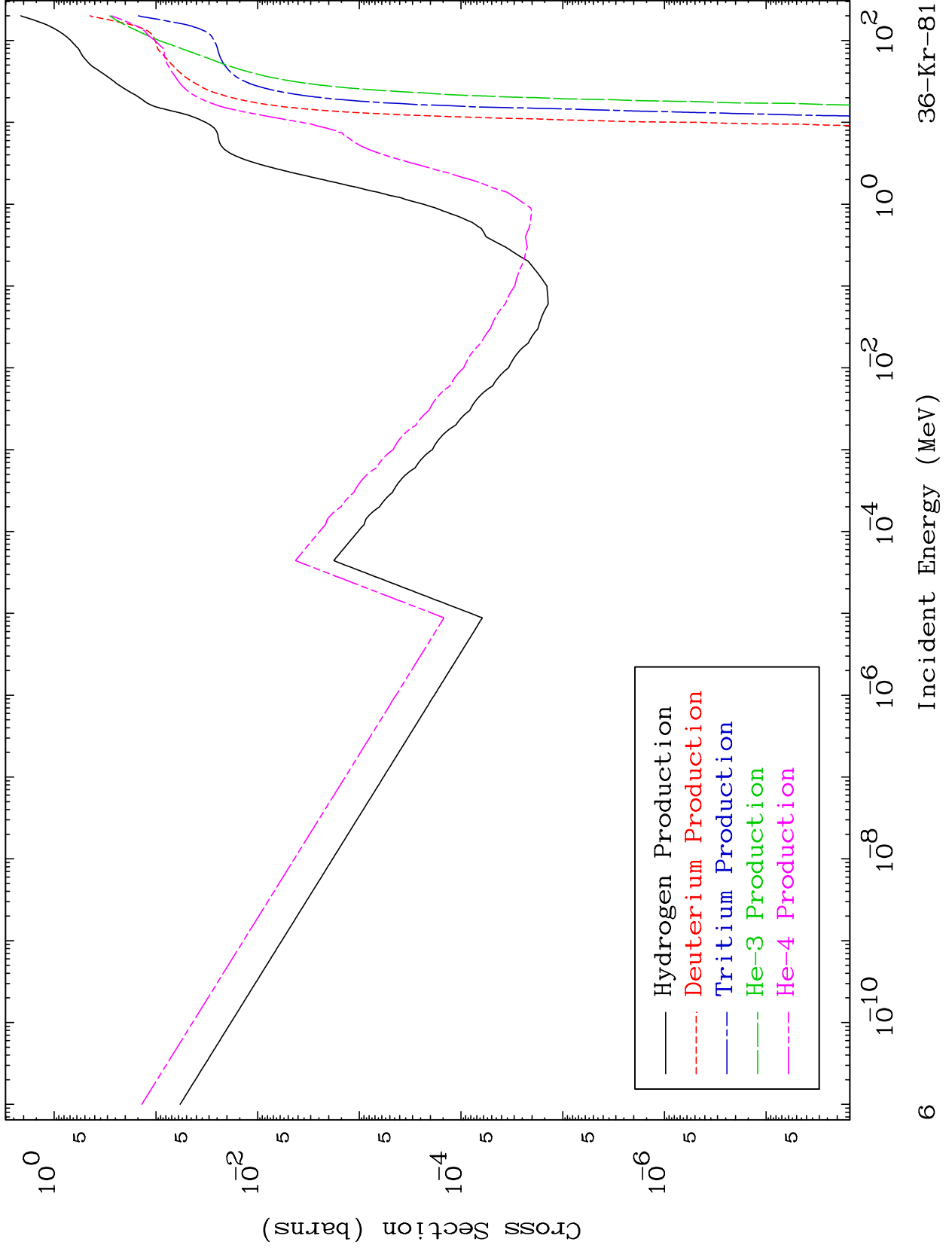
36-Kr-81



MAT 3635

Particle Production
293 Kelvin Cross Sections

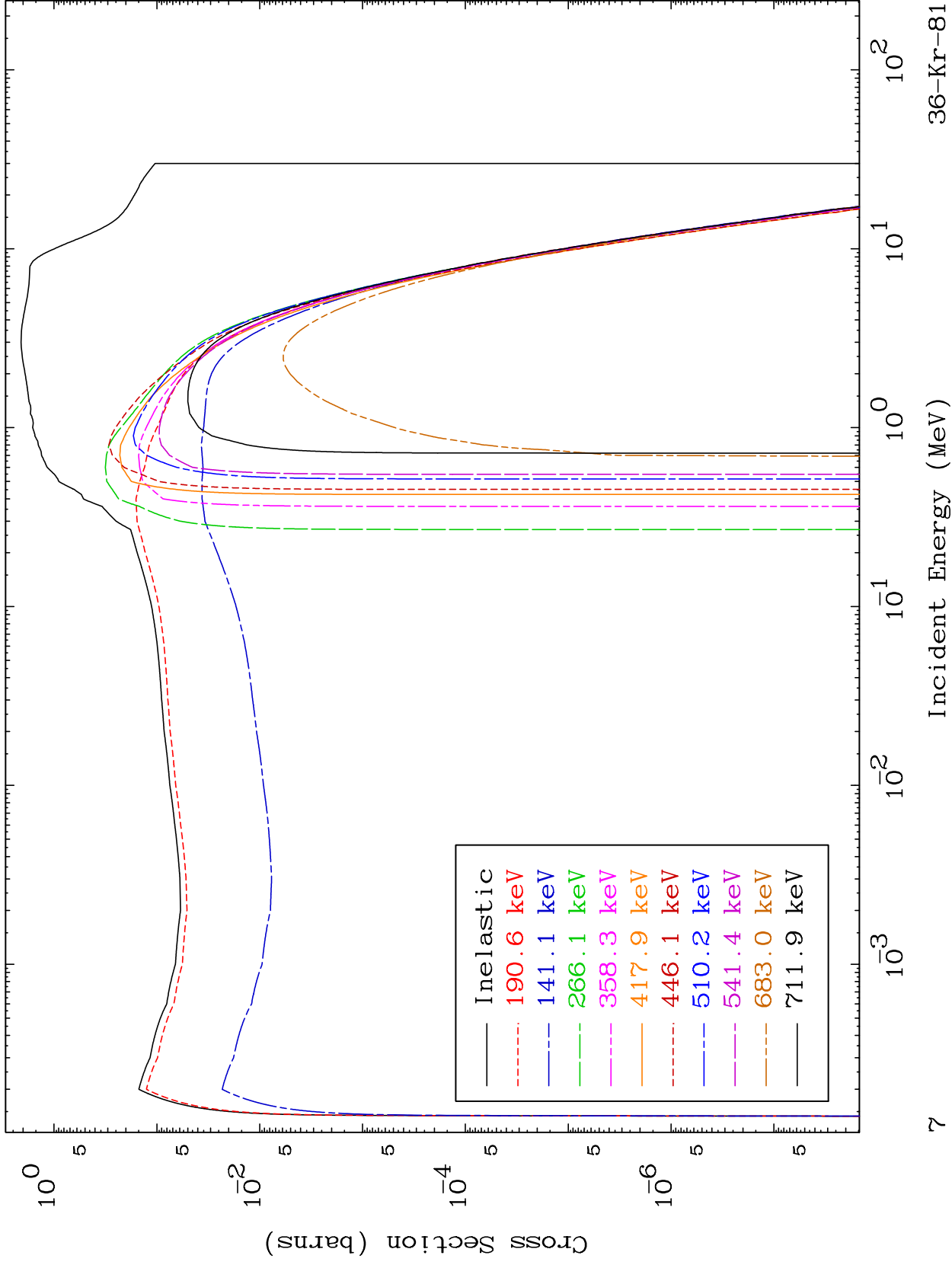
36-Kr-81



MAT 3635

(n,n') Level
293 Kelvin Cross Sections

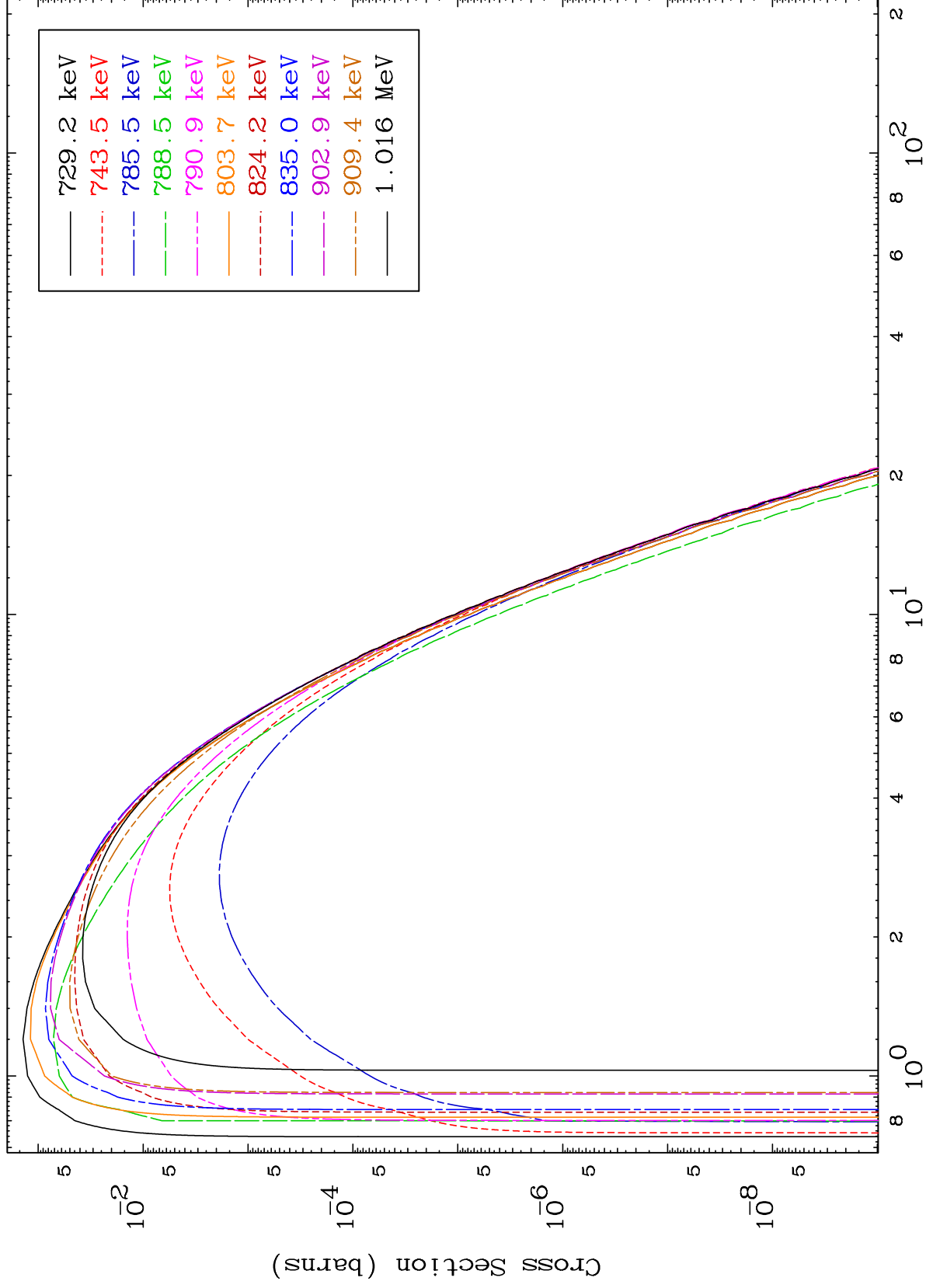
36-Kr-81



MAT 3635

(n,n') Level
293 Kelvin Cross Sections

36-Kr-81



8

Incident Energy (MeV)

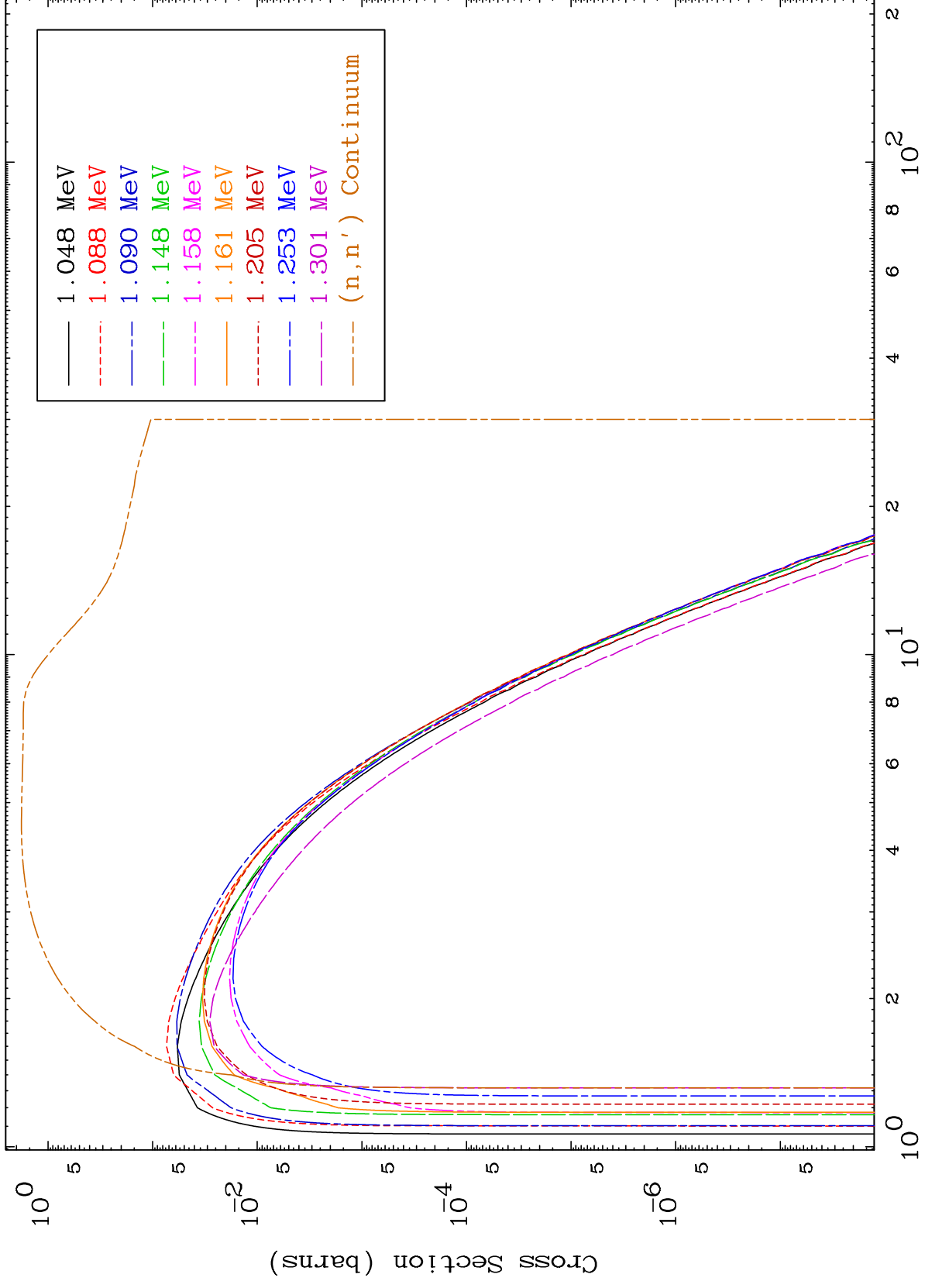
36-Kr-81

MAT 3635

(n,n') Level

36-Kr-81

293 Kelvin Cross Sections



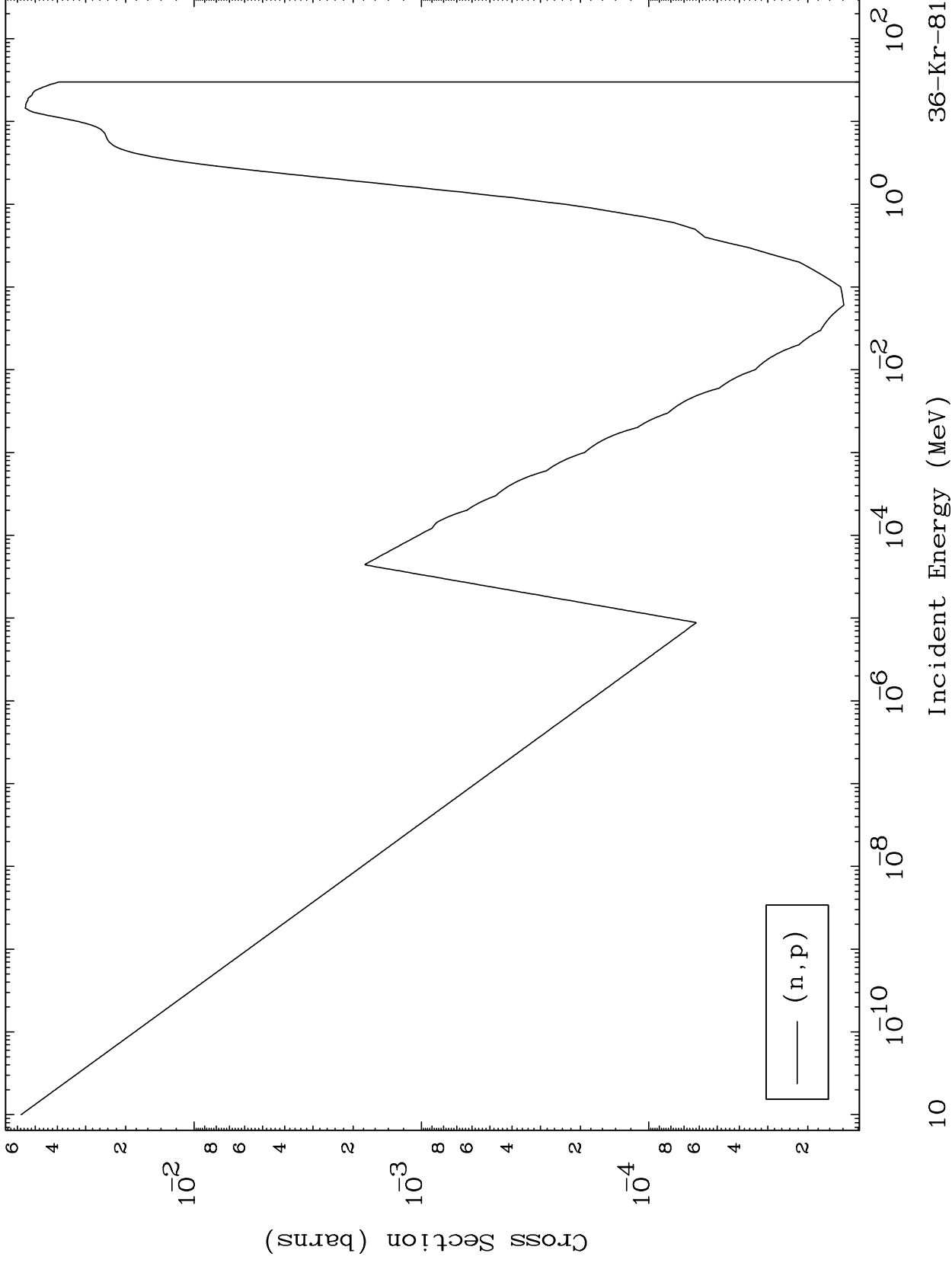
Incident Energy (MeV)

36-Kr-81

MAT 3635

(n,p) Levels
293 Kelvin Cross Sections

36-Kr-81



10

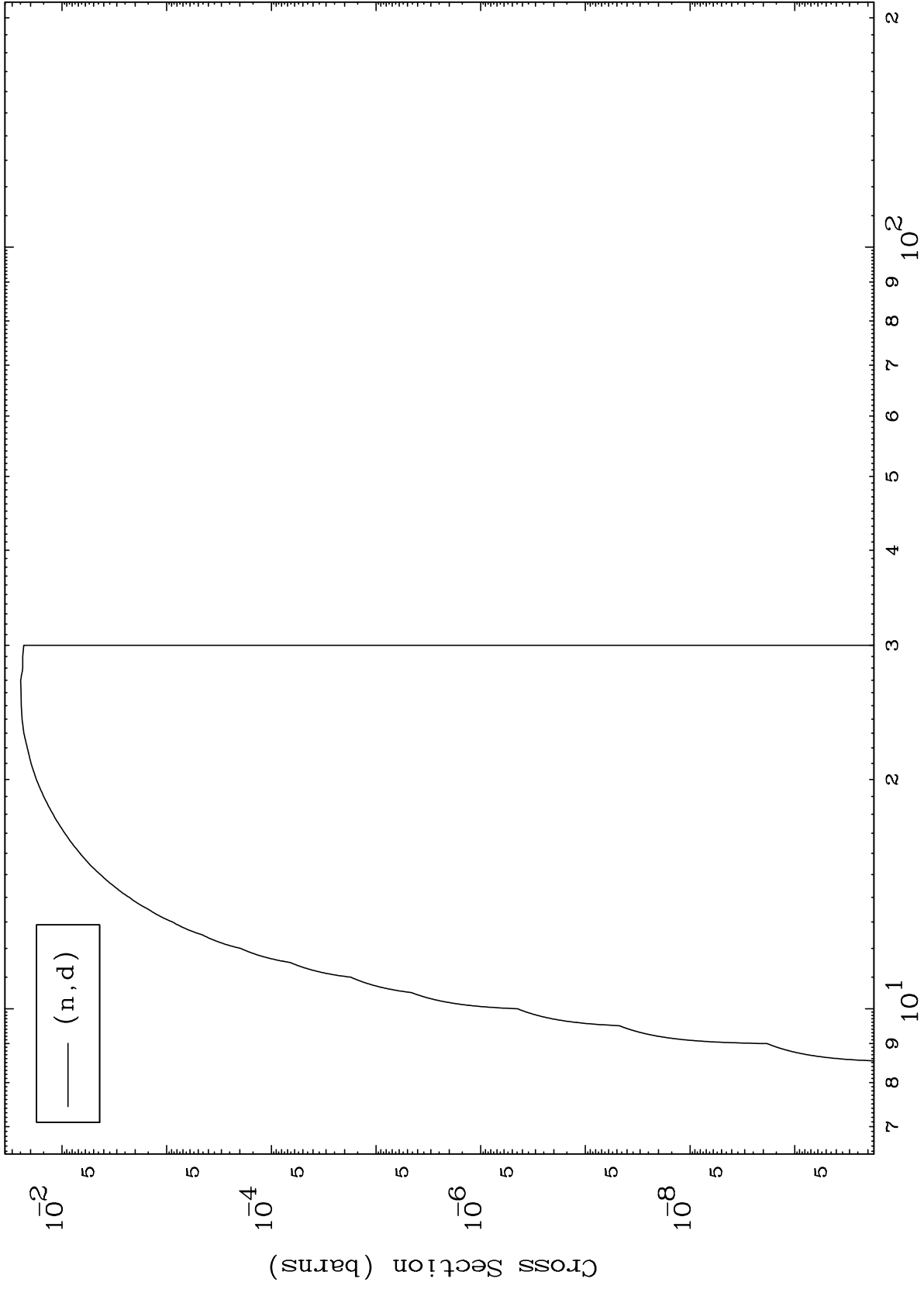
Incident Energy (MeV)

36-Kr-81

MAT 3635

(n,d) Levels
293 Kelvin Cross Sections

36-Kr-81



11

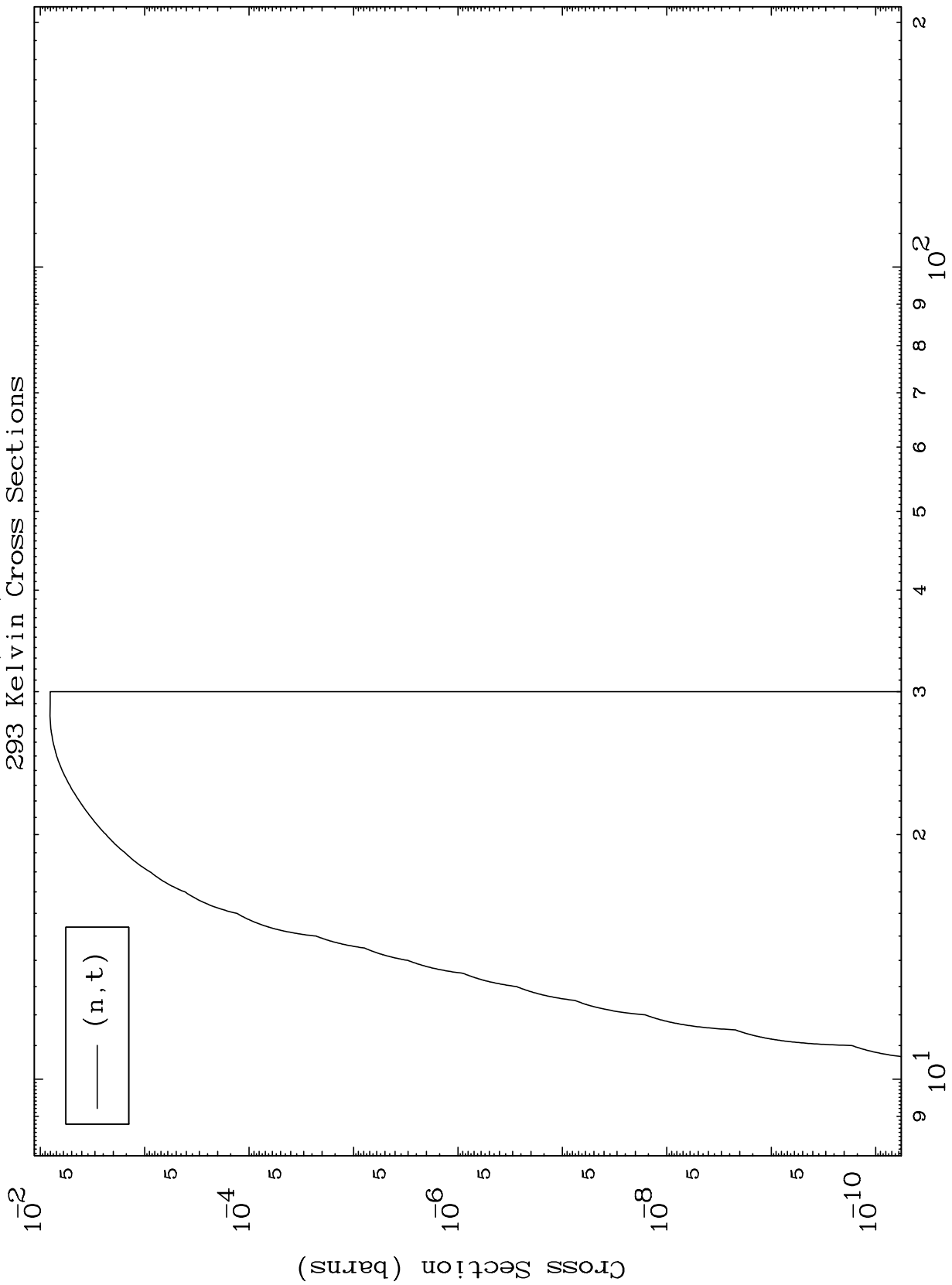
Incident Energy (MeV)

36-Kr-81

MAT 3635

36-Kr-81

(n,t) Levels
293 Kelvin Cross Sections



36-Kr-81

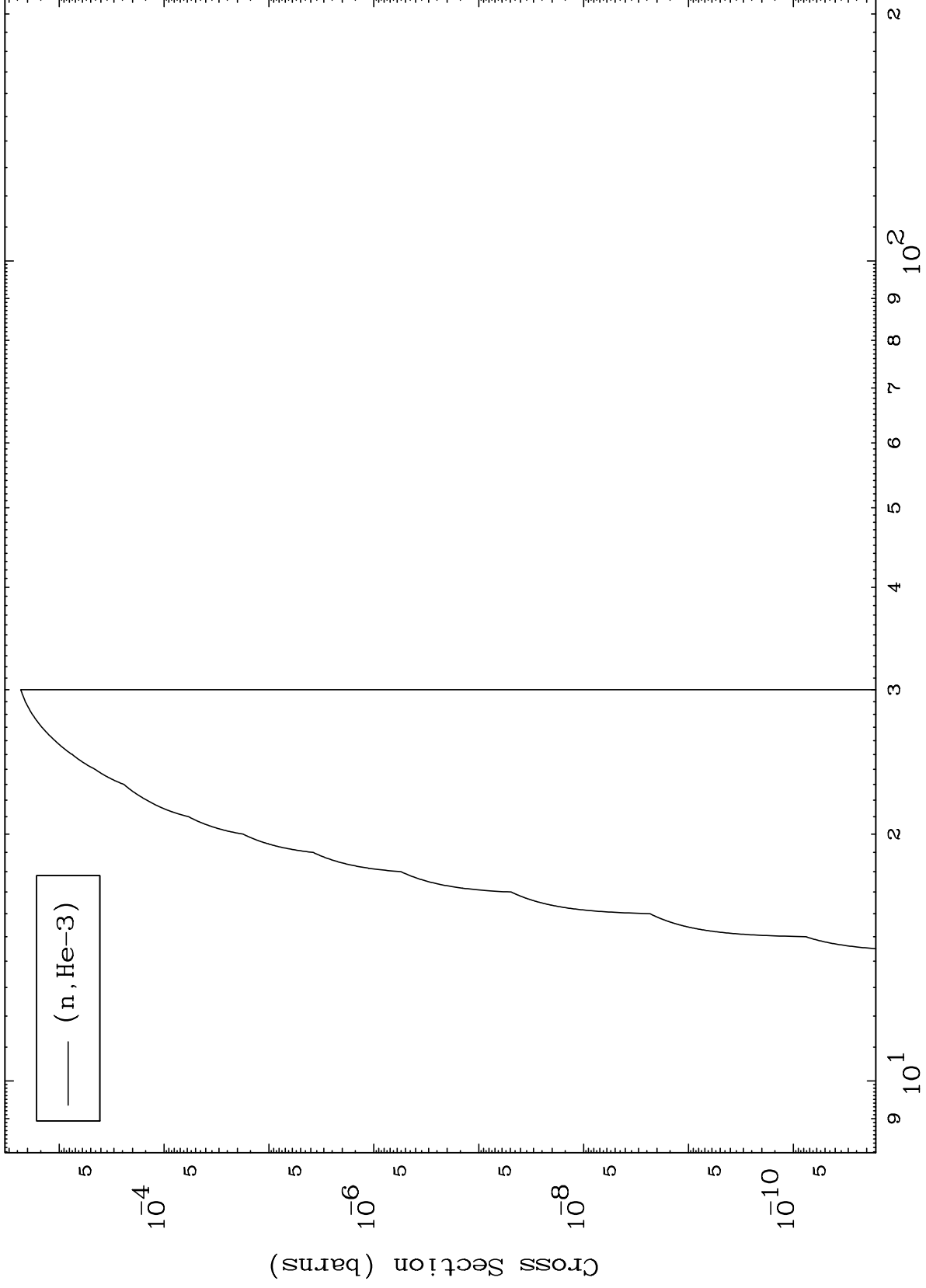
Incident Energy (MeV)

12

MAT 3635

(n,He3) Levels
293 Kelvin Cross Sections

36-Kr-81



13

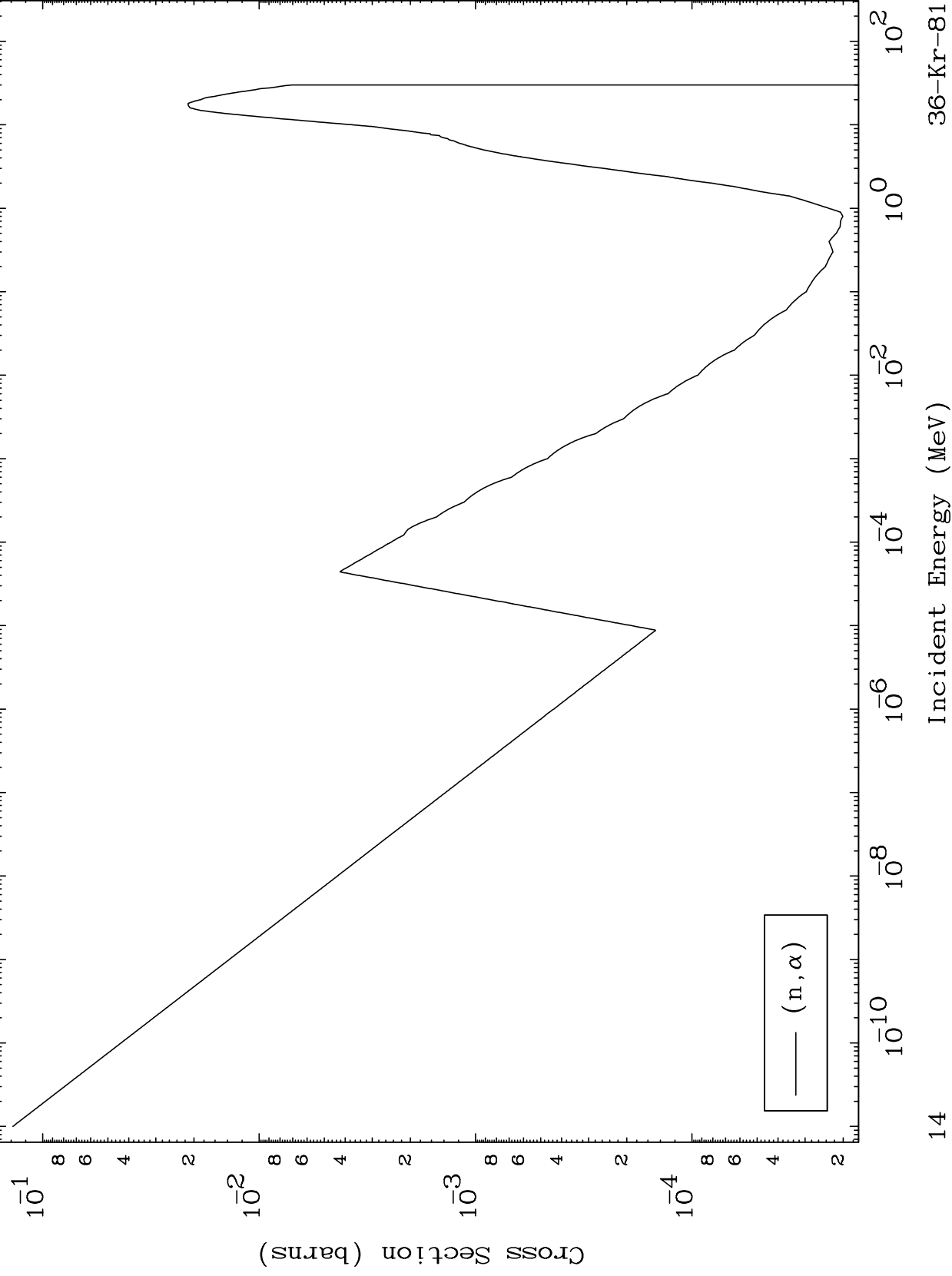
Incident Energy (MeV)

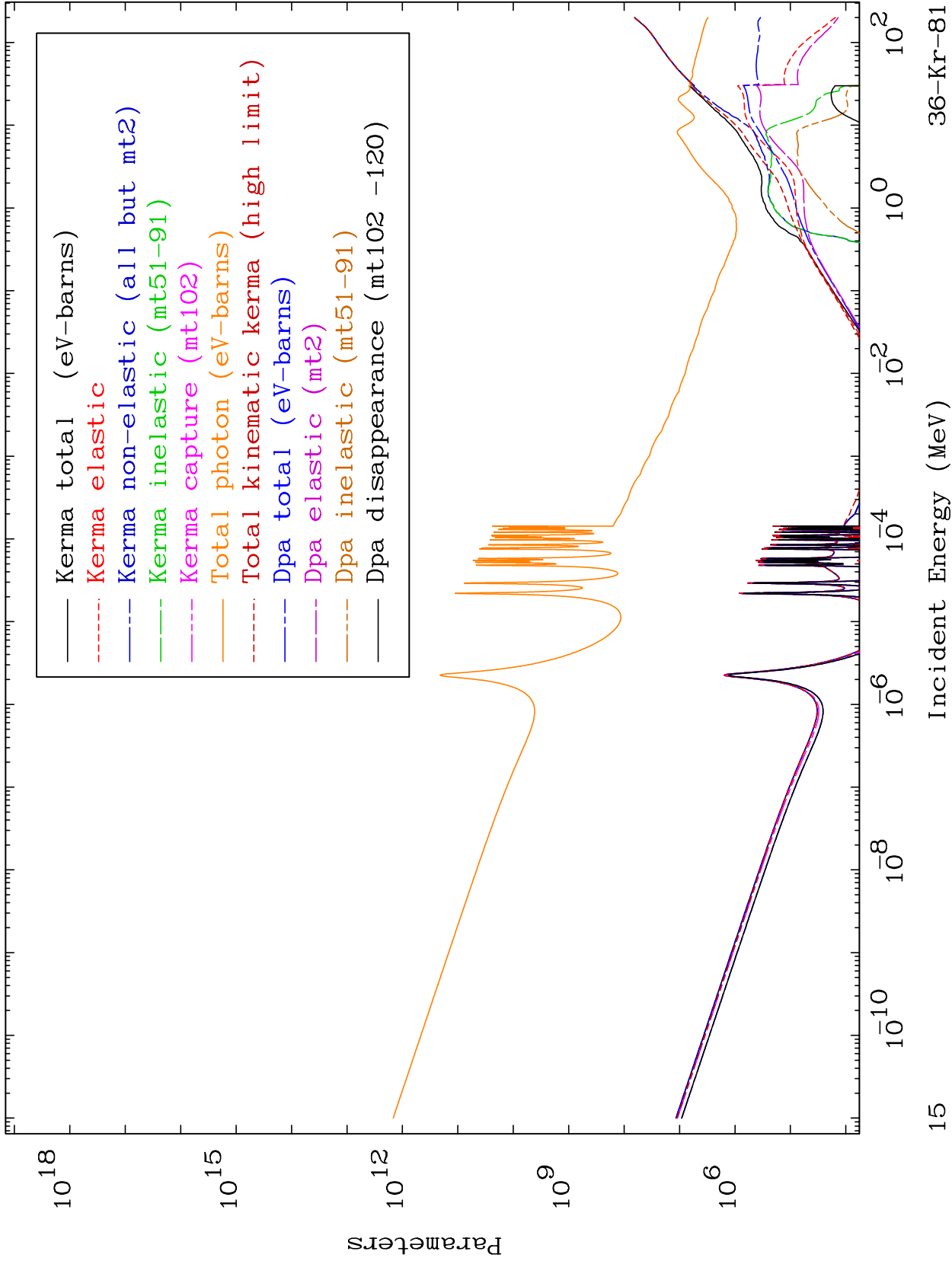
36-Kr-81

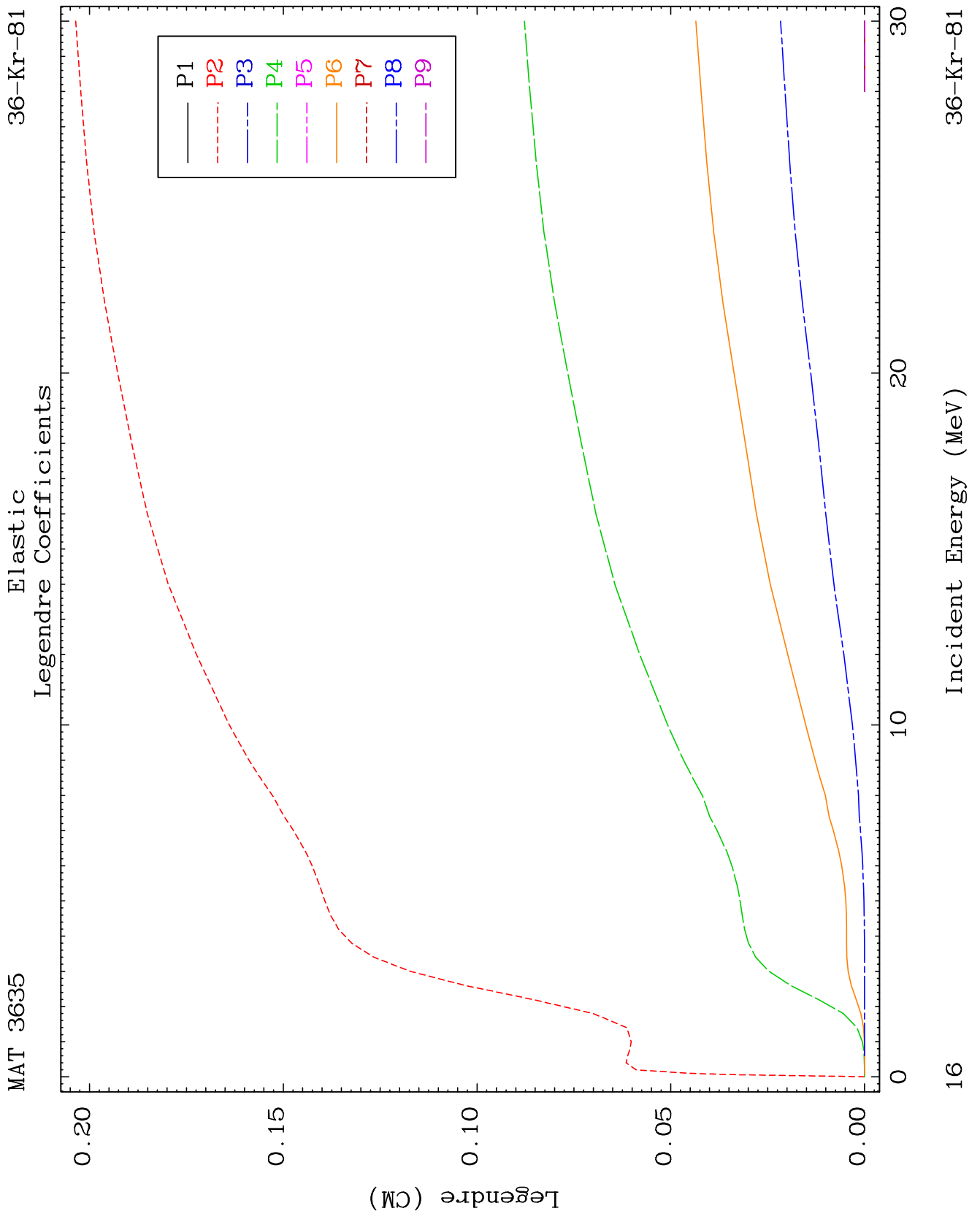
MAT 3635

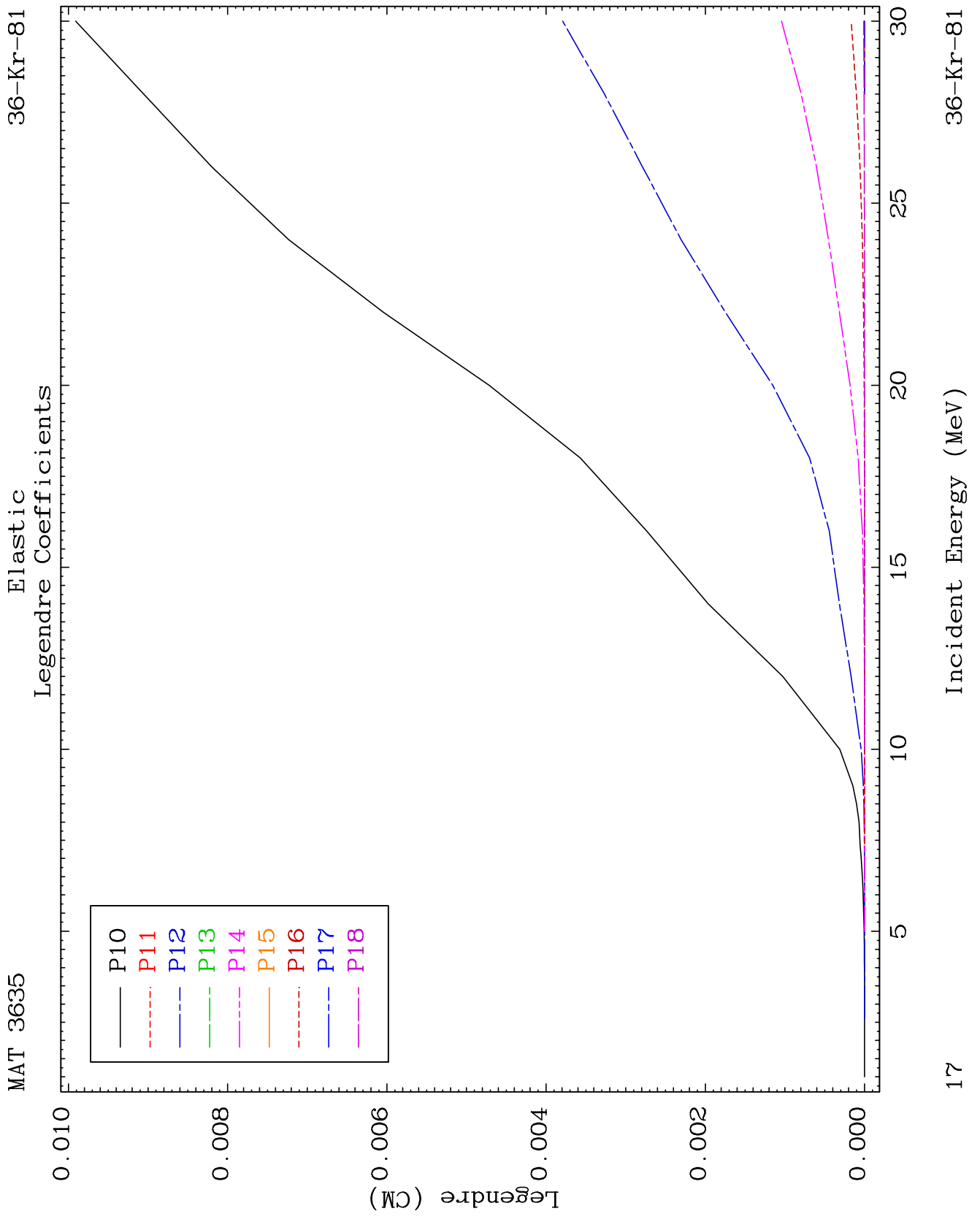
(n,α) Levels
293 Kelvin Cross Sections

36-Kr-81





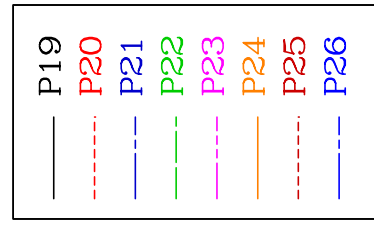




MAT 3635

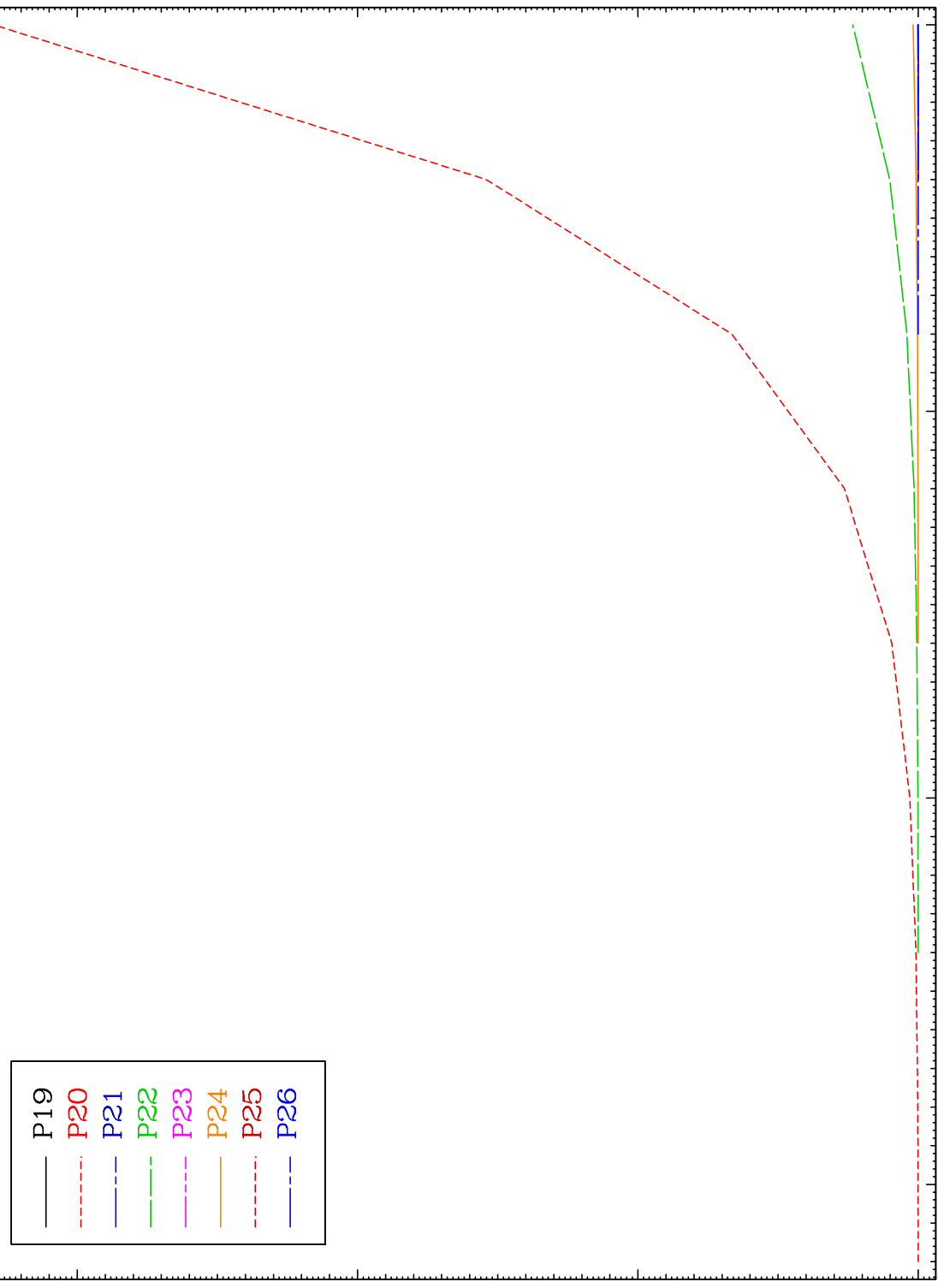
Elastic Legendre Coefficients

36-Kr-81



$\times 10^{-7}$

Legendre (CM)



30

25

20

15

18

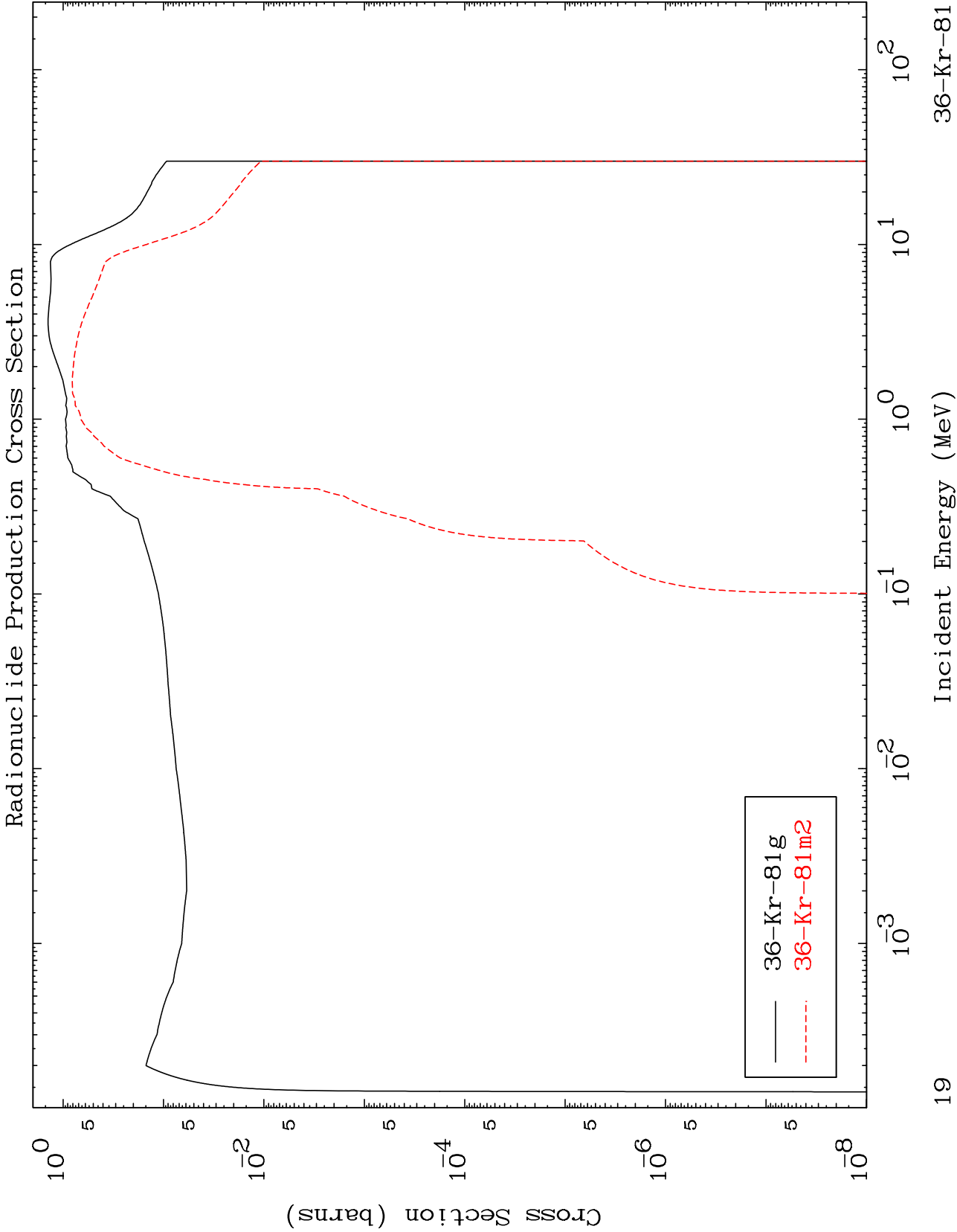
Incident Energy (MeV)

36-Kr-81

MAT 3635

36-Kr-81

Inelastic
Radionuclide Production Cross Section



19

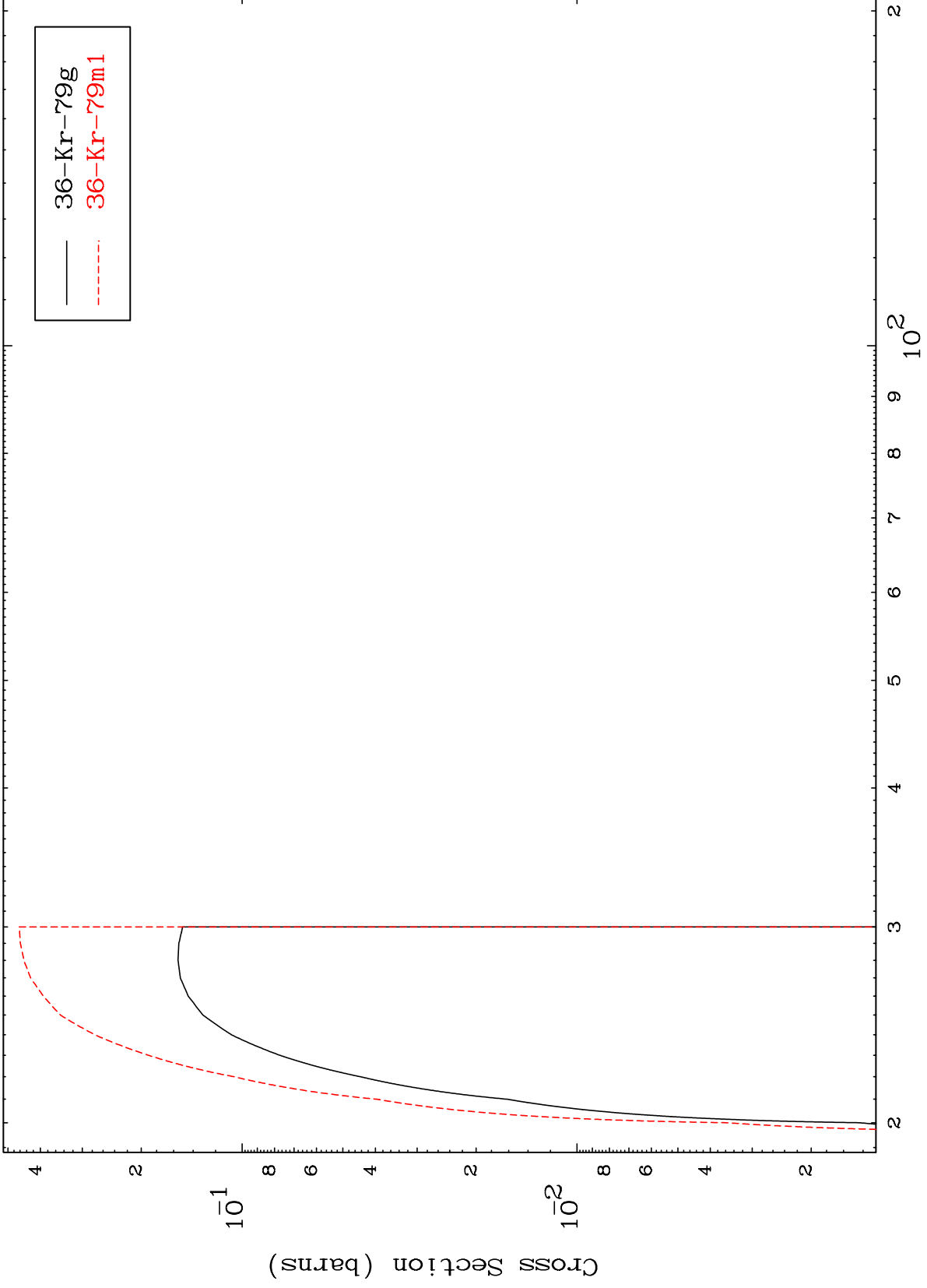
36-Kr-81

MAT 3635

(n,3n)

36-Kr-81

Radionuclide Production Cross Section



20

Incident Energy (MeV)

10²

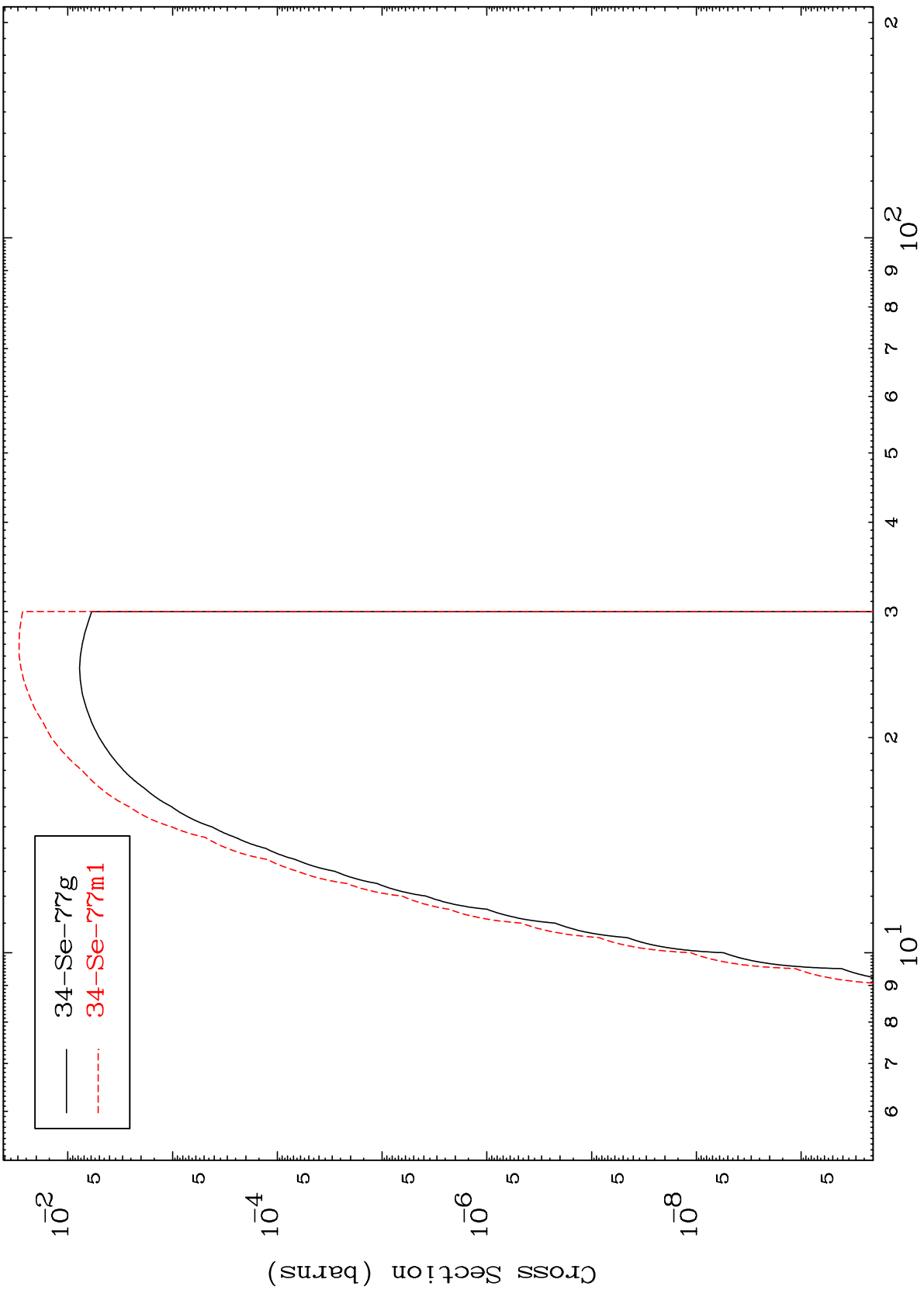
36-Kr-81

MAT 3635

$(n, n') \alpha$

36-Kr-81

Radionuclide Production Cross Section



21

Incident Energy (MeV)

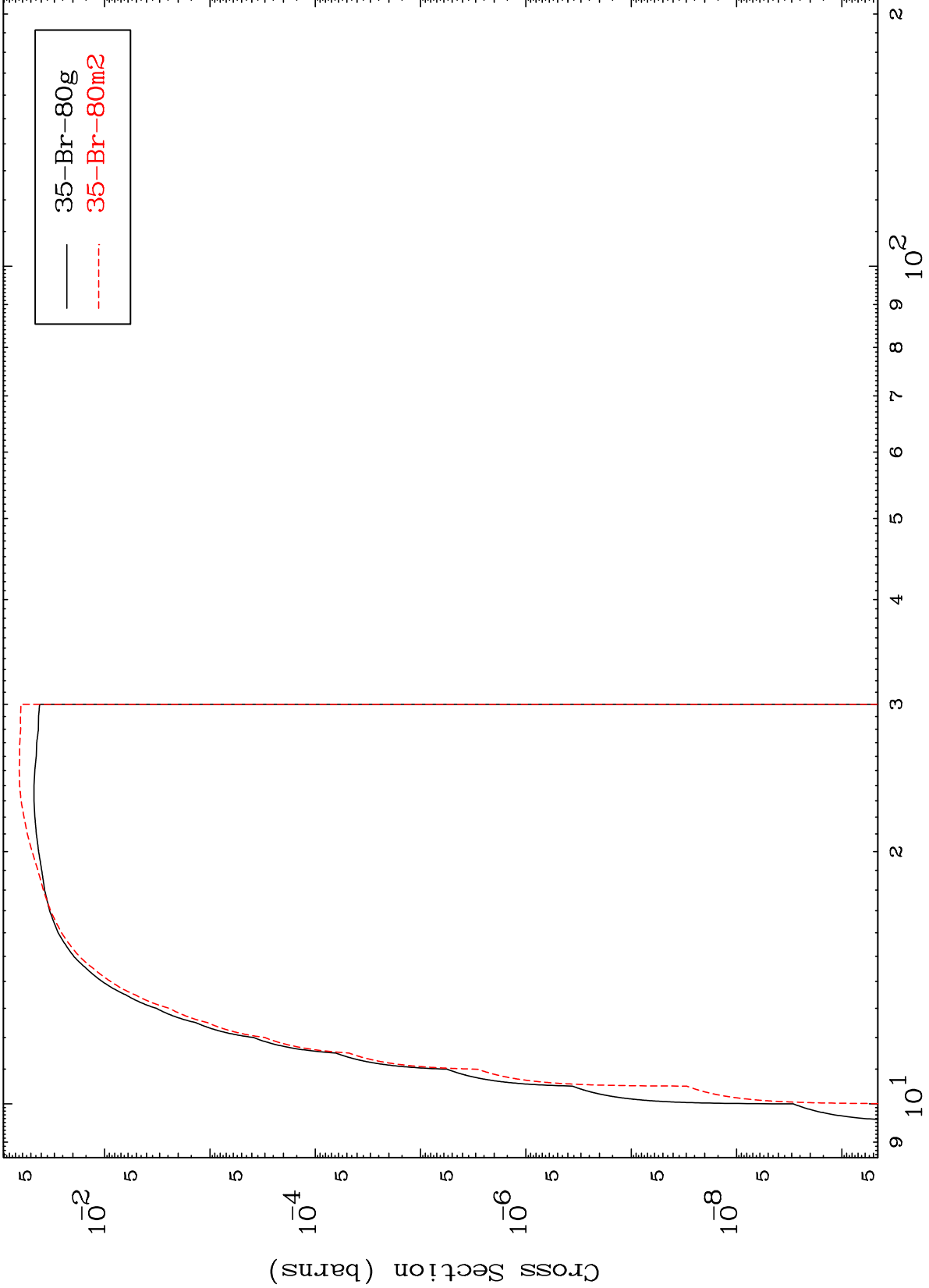
36-Kr-81

MAT 3635

(n, n') p

36-Kr-81

Radionuclide Production Cross Section



22

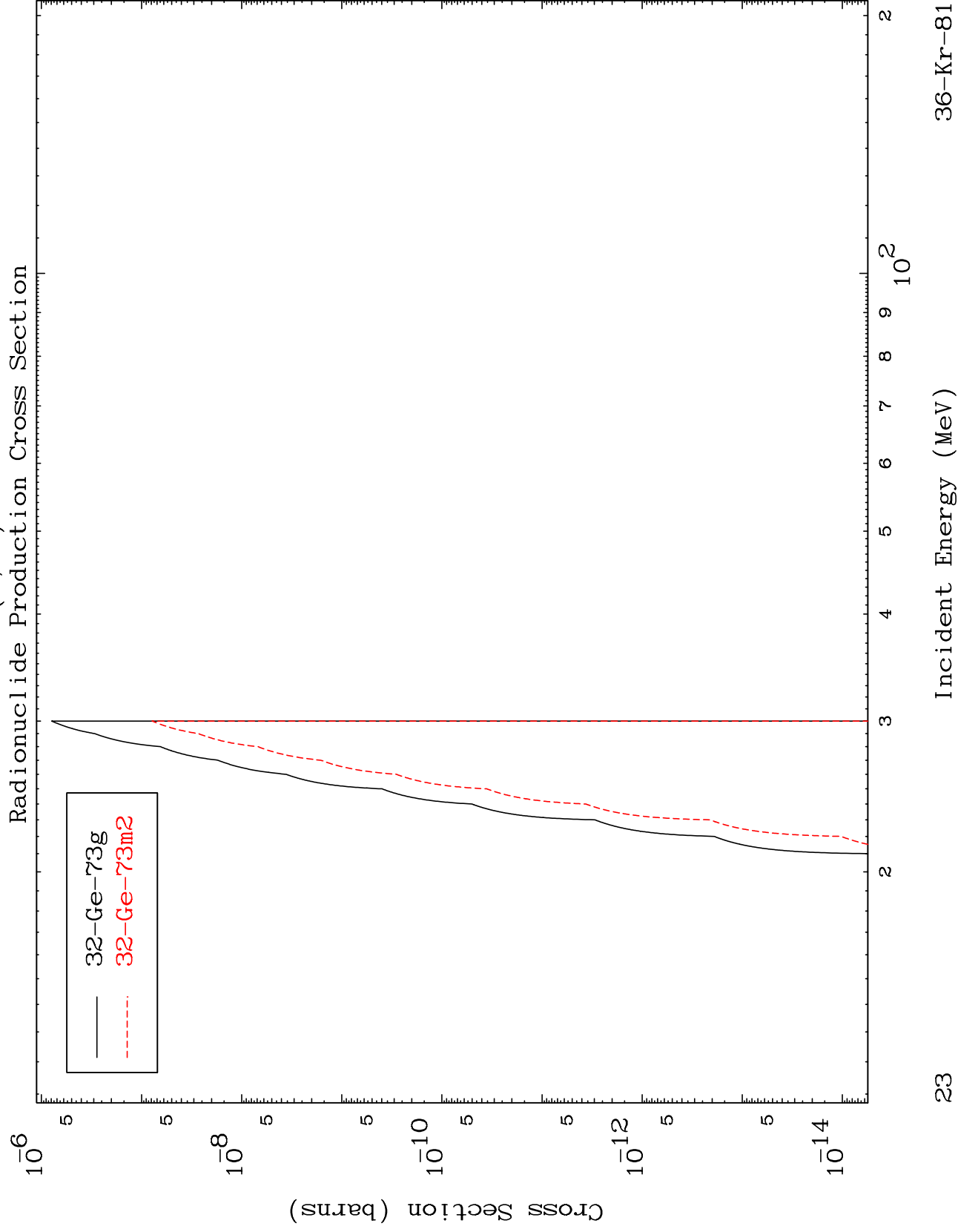
Incident Energy (MeV)

36-Kr-81

MAT 3635

(n,n') 2 α

36-Kr-81



23

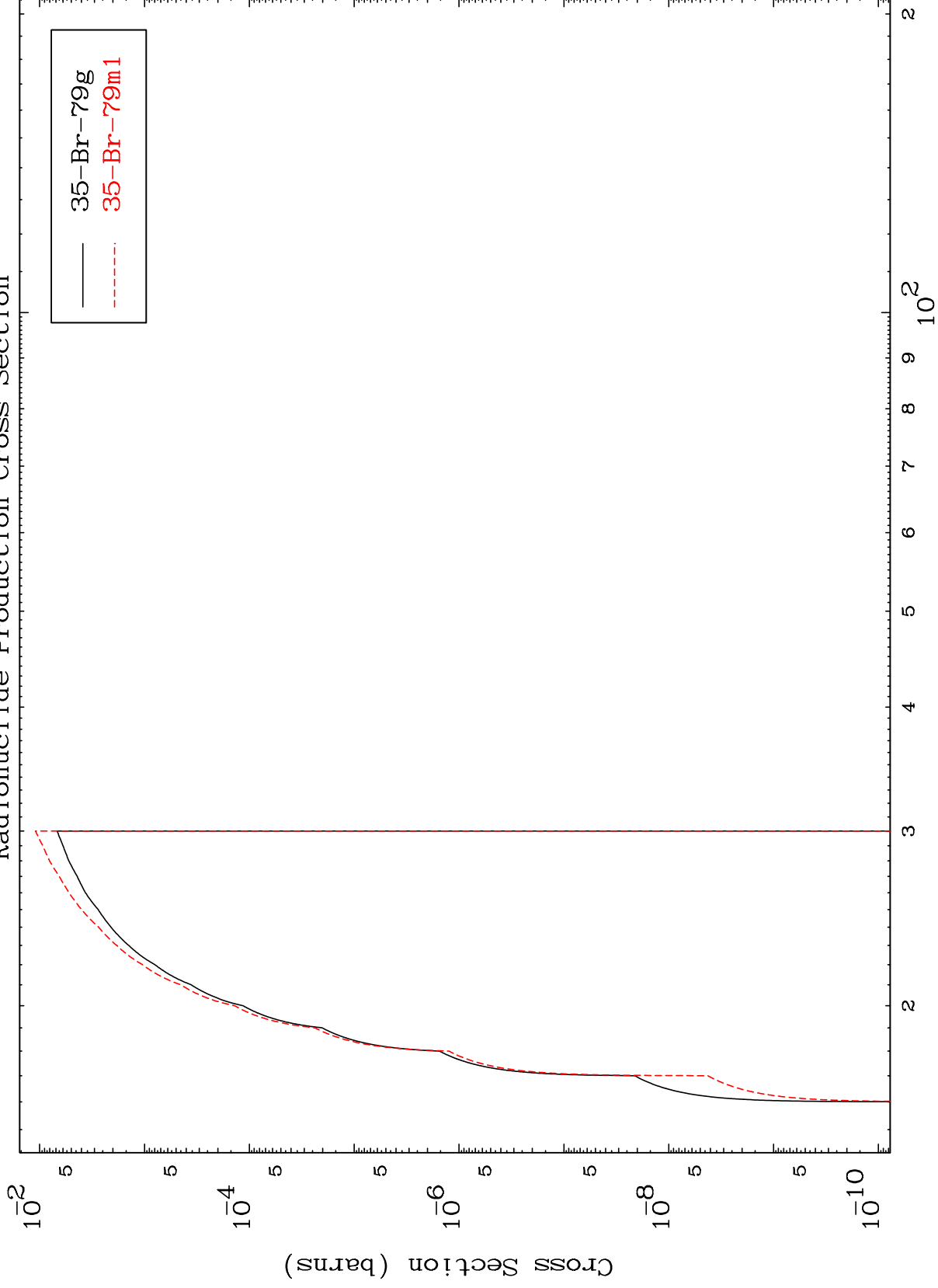
36-Kr-81

MAT 3635

(n,n') d

36-Kr-81

Radionuclide Production Cross Section



24

Incident Energy (MeV)

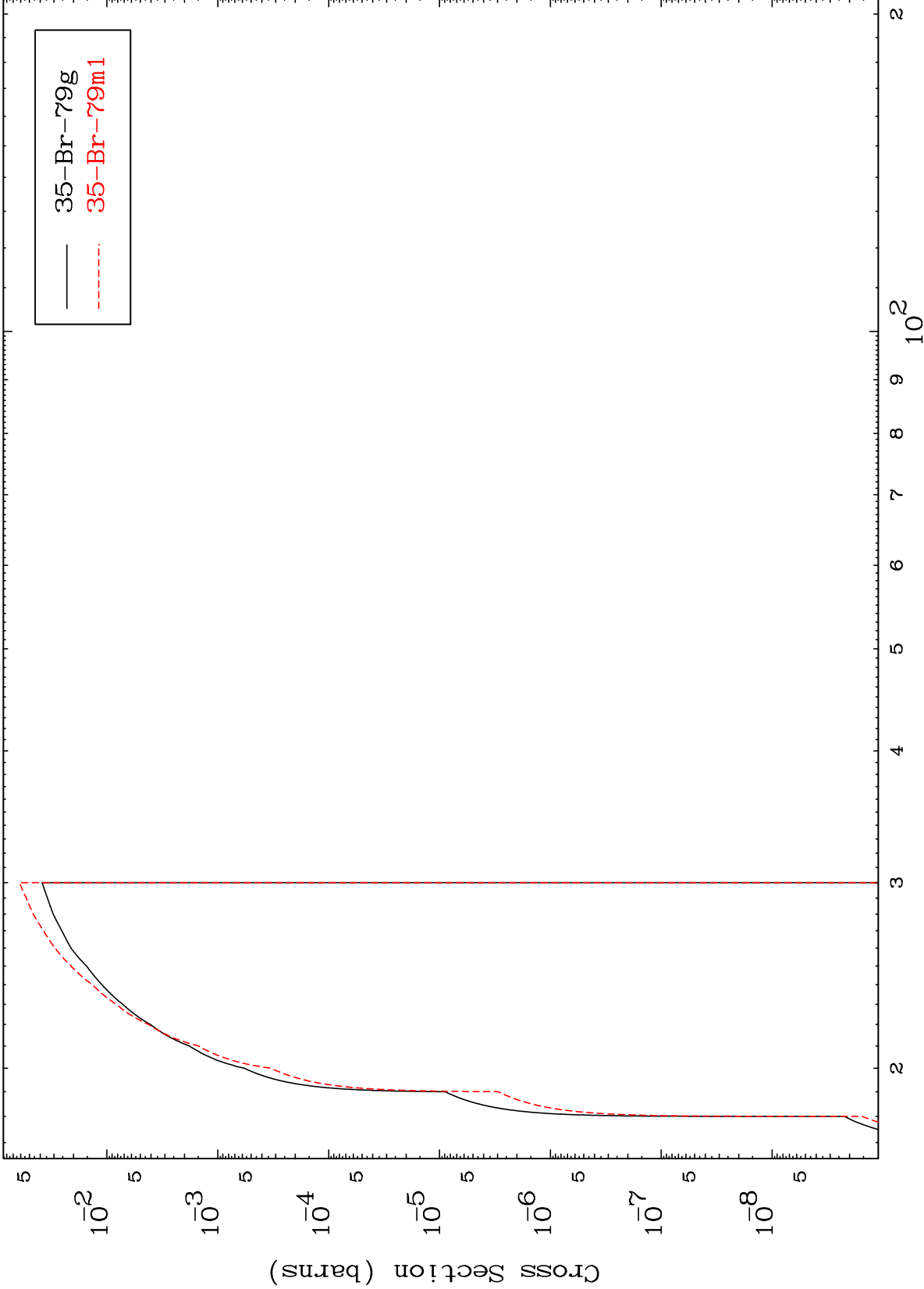
36-Kr-81

MAT 3635

(n,2n) p

36-Kr-81

Radionuclide Production Cross Section



25

Incident Energy (MeV)

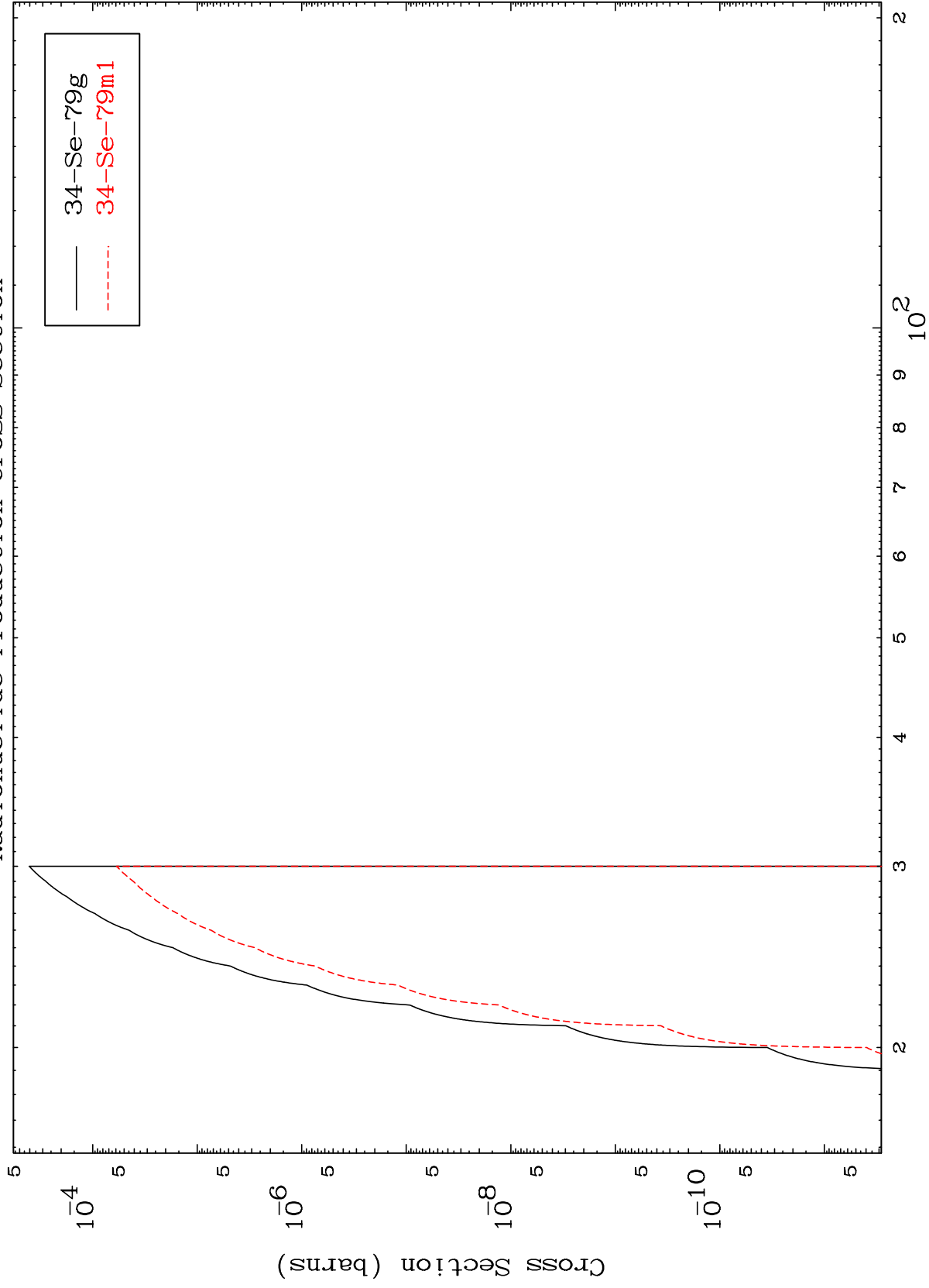
36-Kr-81

MAT 3635

(n,2n) p

36-Kr-81

Radionuclide Production Cross Section



26

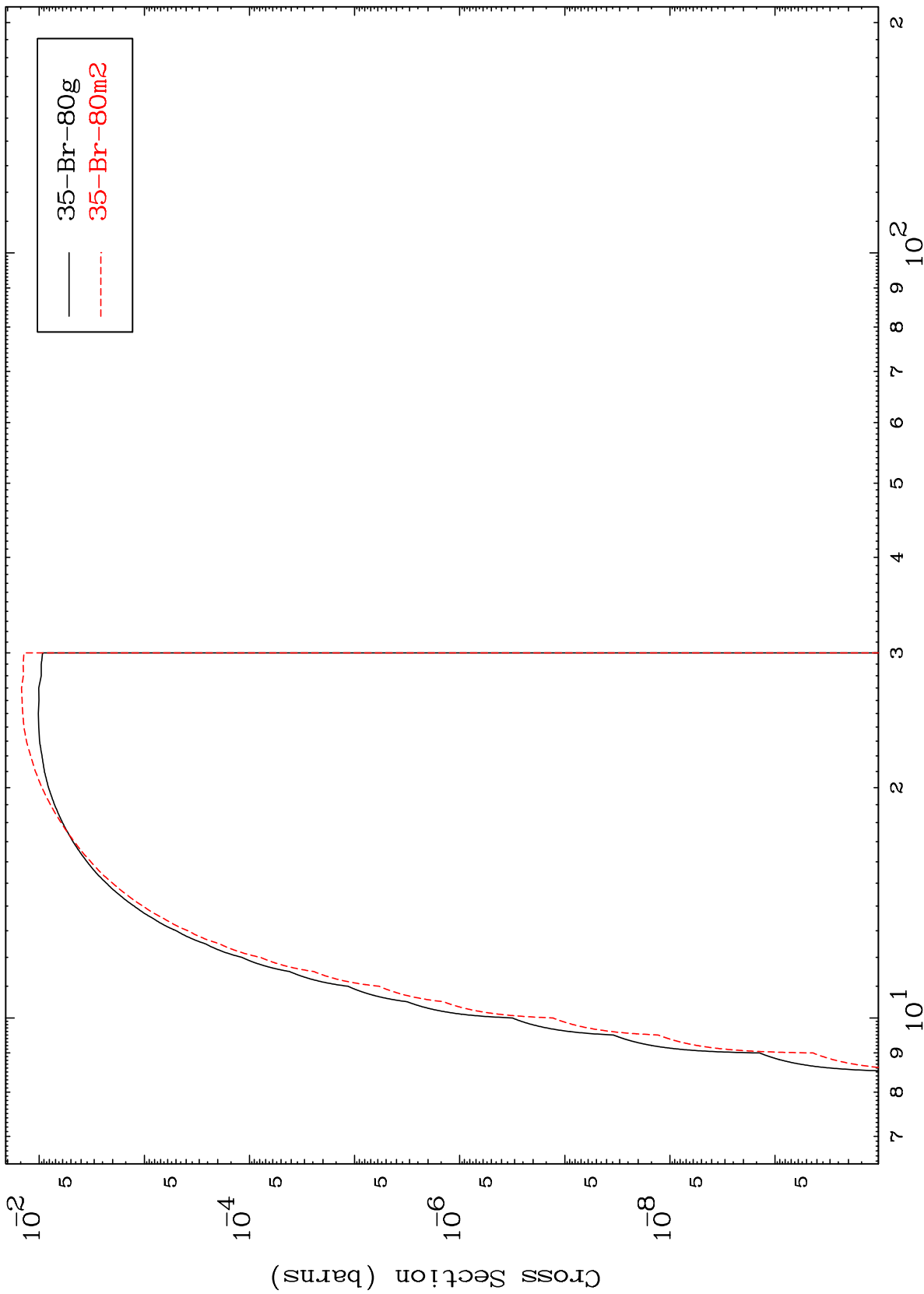
Incident Energy (MeV)

36-Kr-81

MAT 3635

36-Kr-81

(n,d)
Radionuclide Production Cross Section



27

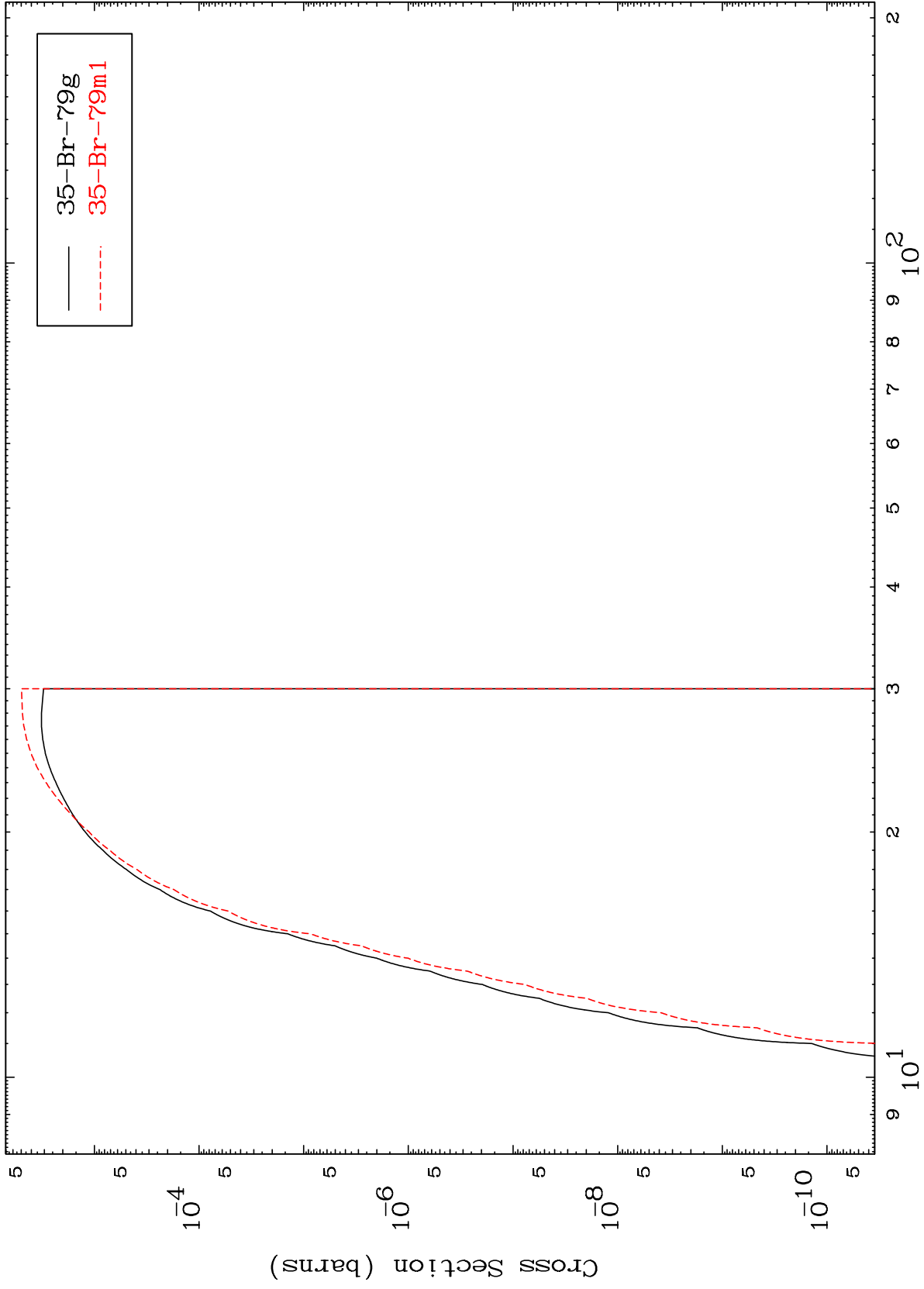
Incident Energy (MeV)

36-Kr-81

MAT 3635

36-Kr-81

(n,t)
Radionuclide Production Cross Section



28

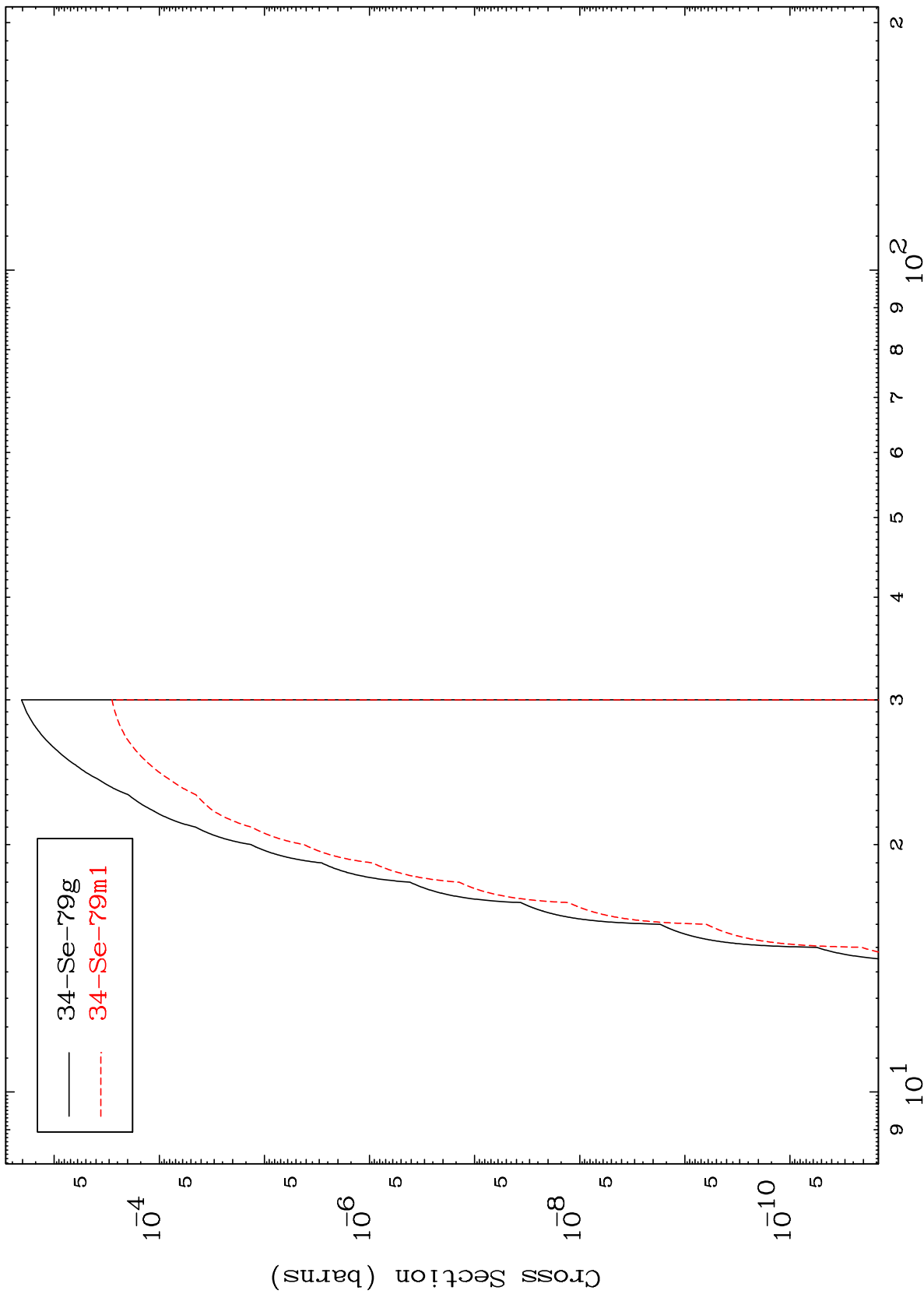
Incident Energy (MeV)

36-Kr-81

MAT 3635

36-Kr-81

(n,He-3)
Radionuclide Production Cross Section



29

Incident Energy (MeV)

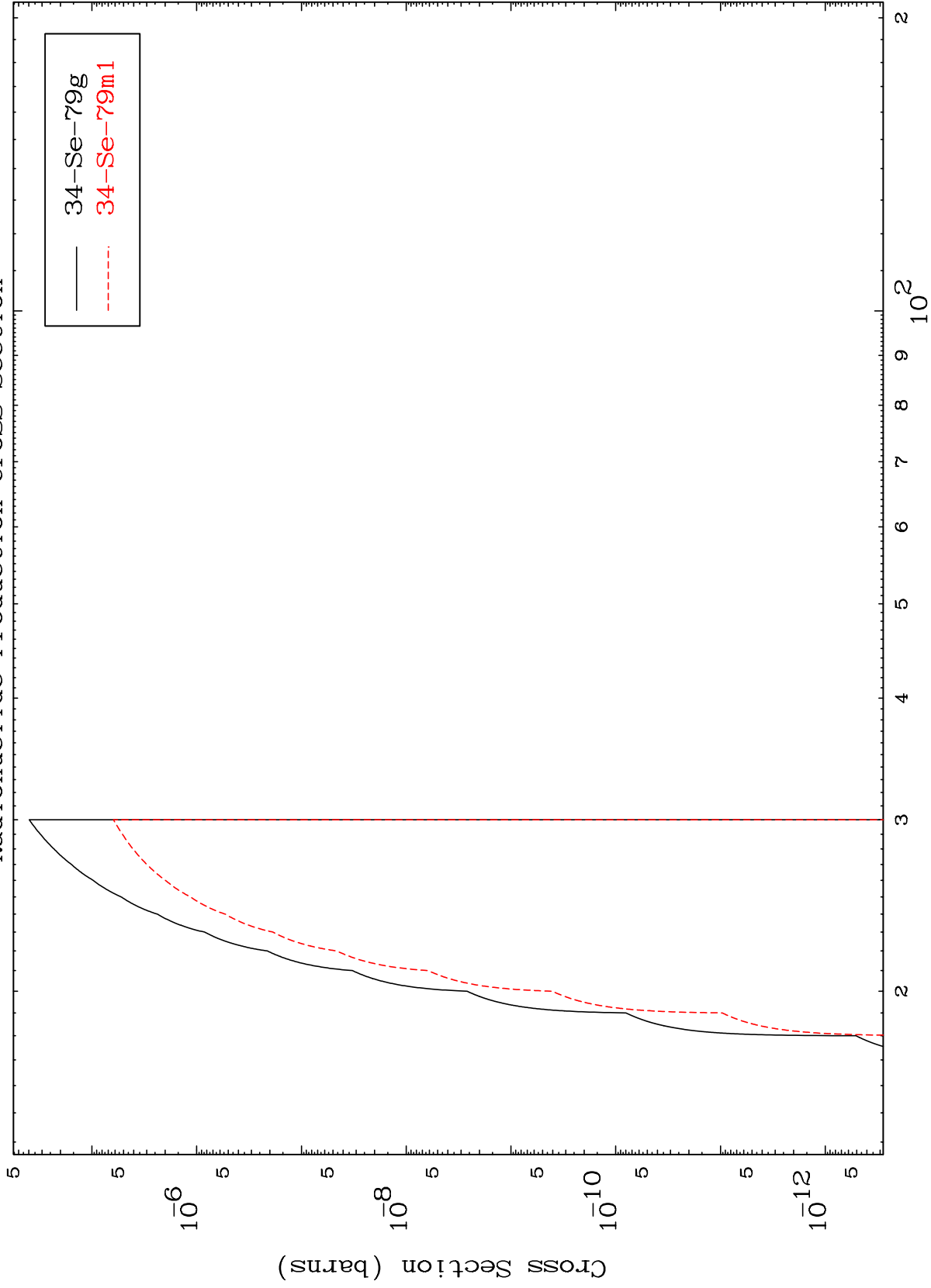
36-Kr-81

MAT 3635

(n,p) d

36-Kr-81

Radionuclide Production Cross Section



30

Incident Energy (MeV)

36-Kr-81