

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

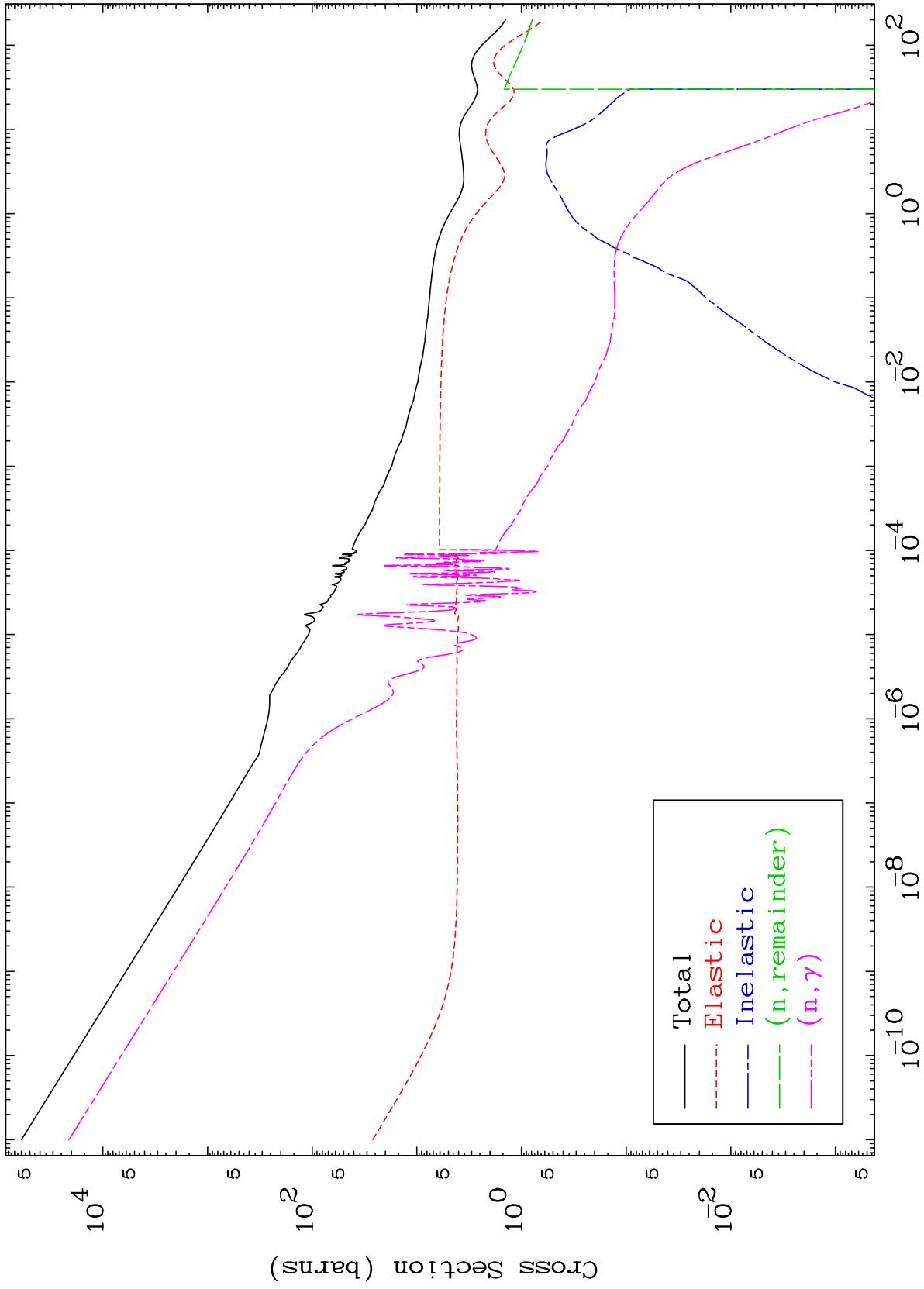
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3705

Major
293 Kelvin Cross Sections

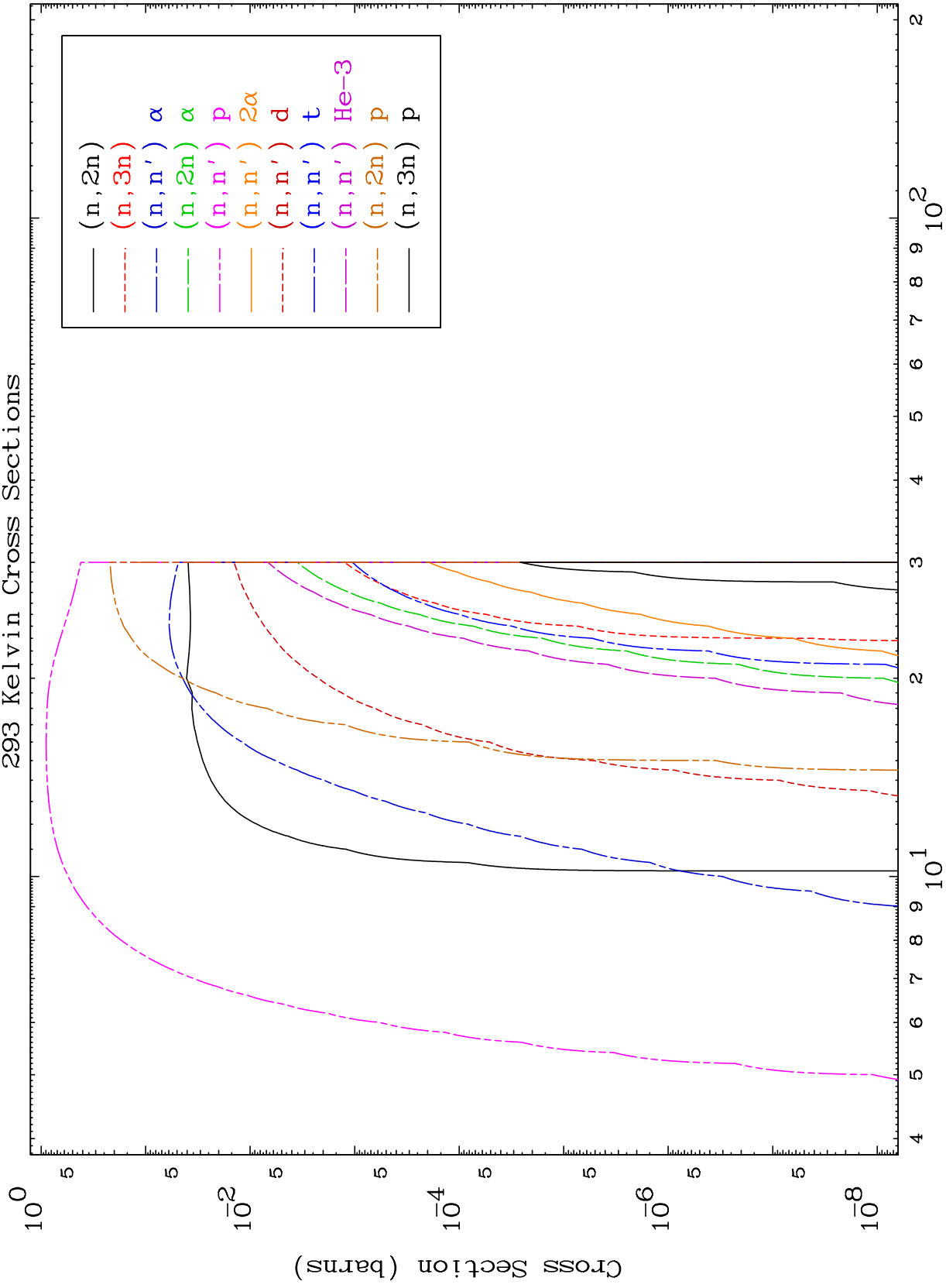
37-Rb-78



MAT 3705

Neutron Production
293 Kelvin Cross Sections

37-Rb-78



2

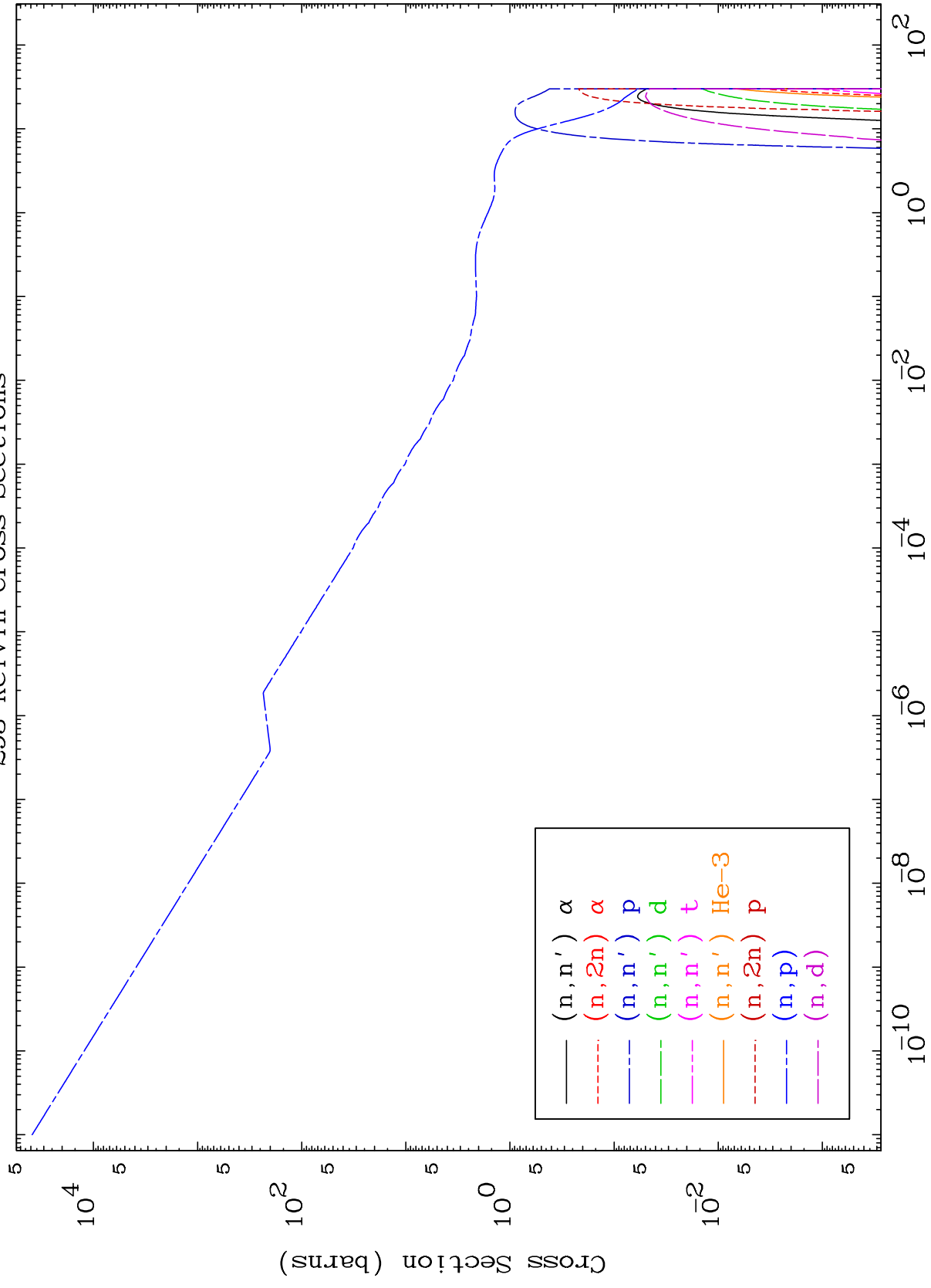
Incident Energy (MeV)

37-Rb-78

MAT 3705

Charged Particle
293 Kelvin Cross Sections

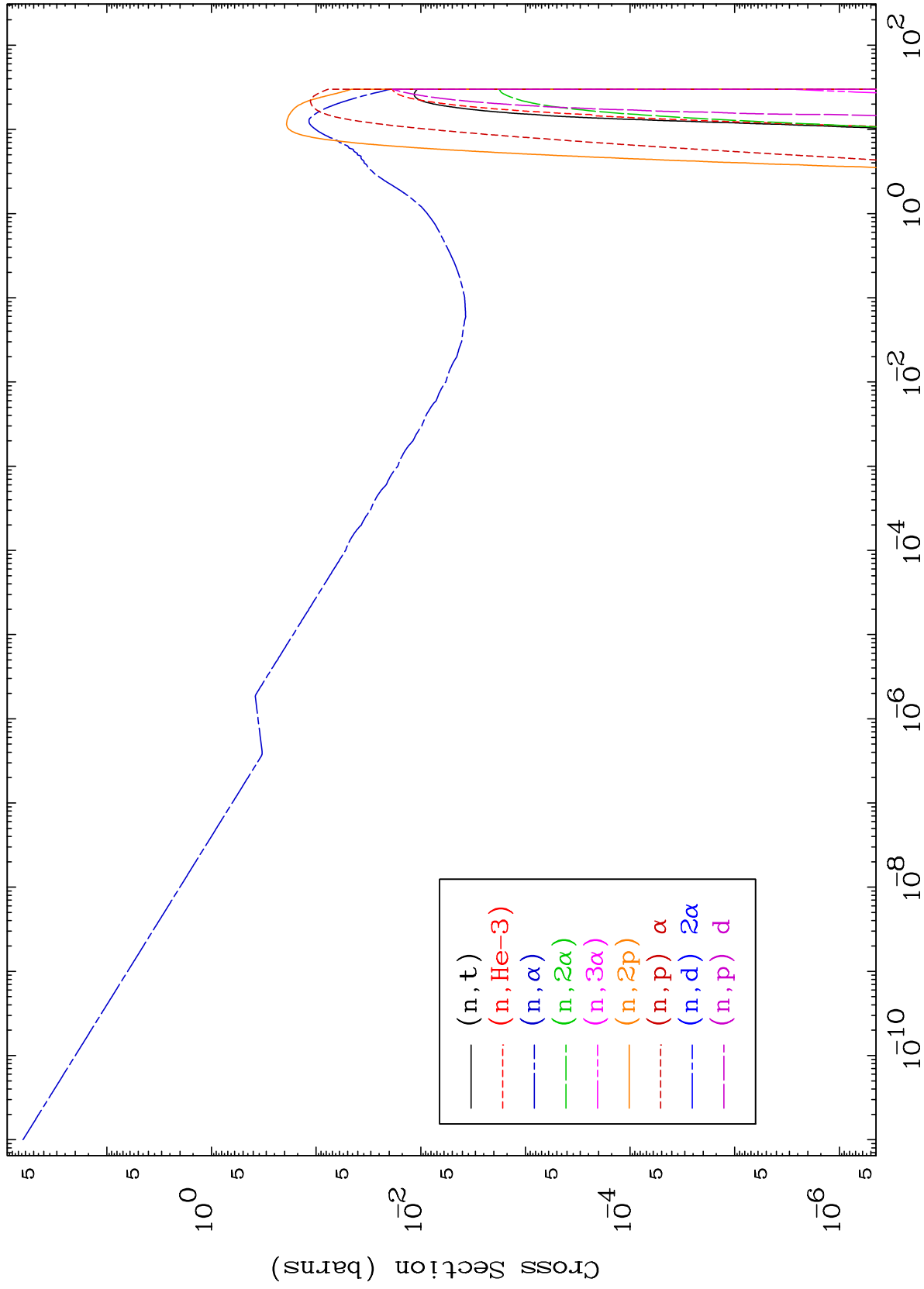
37-Rb-78



MAT 3705

Charged Particle
293 Kelvin Cross Sections

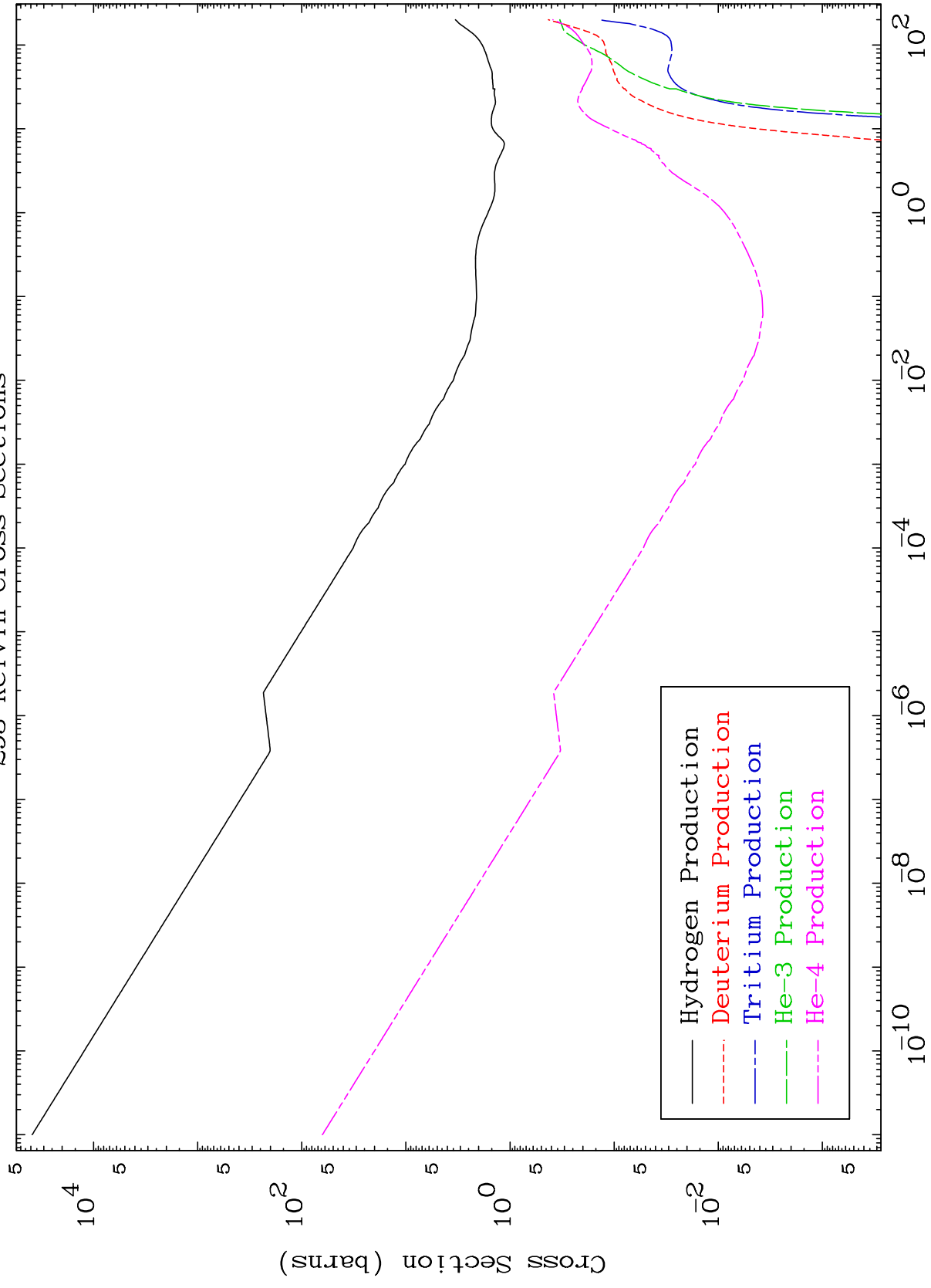
37-Rb-78



MAT 3705

Particle Production
293 Kelvin Cross Sections

37-Rb-78



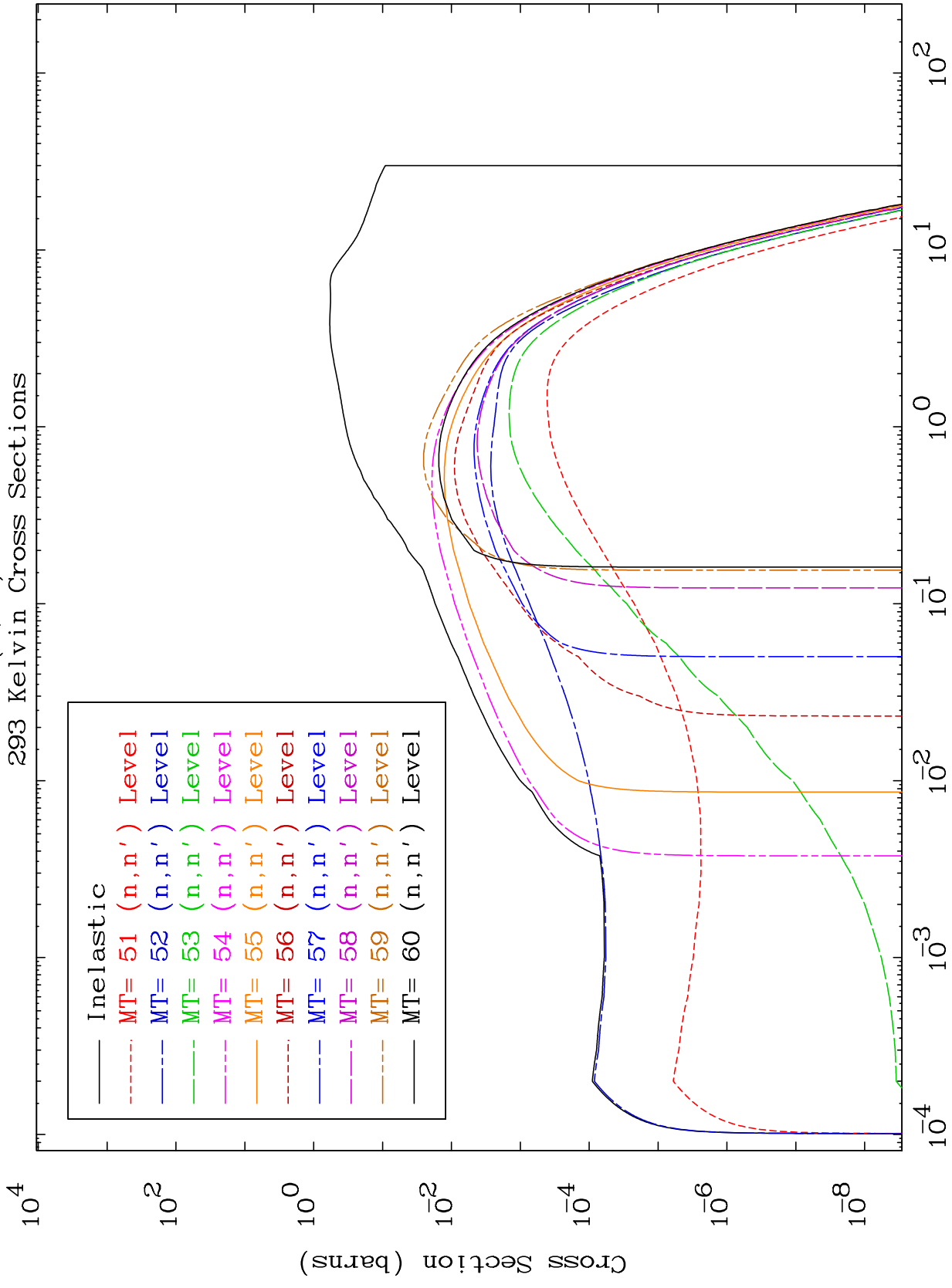
5

37-Rb-78

MAT 3705

293 Kelvin Cross Sections

37-Rb-78



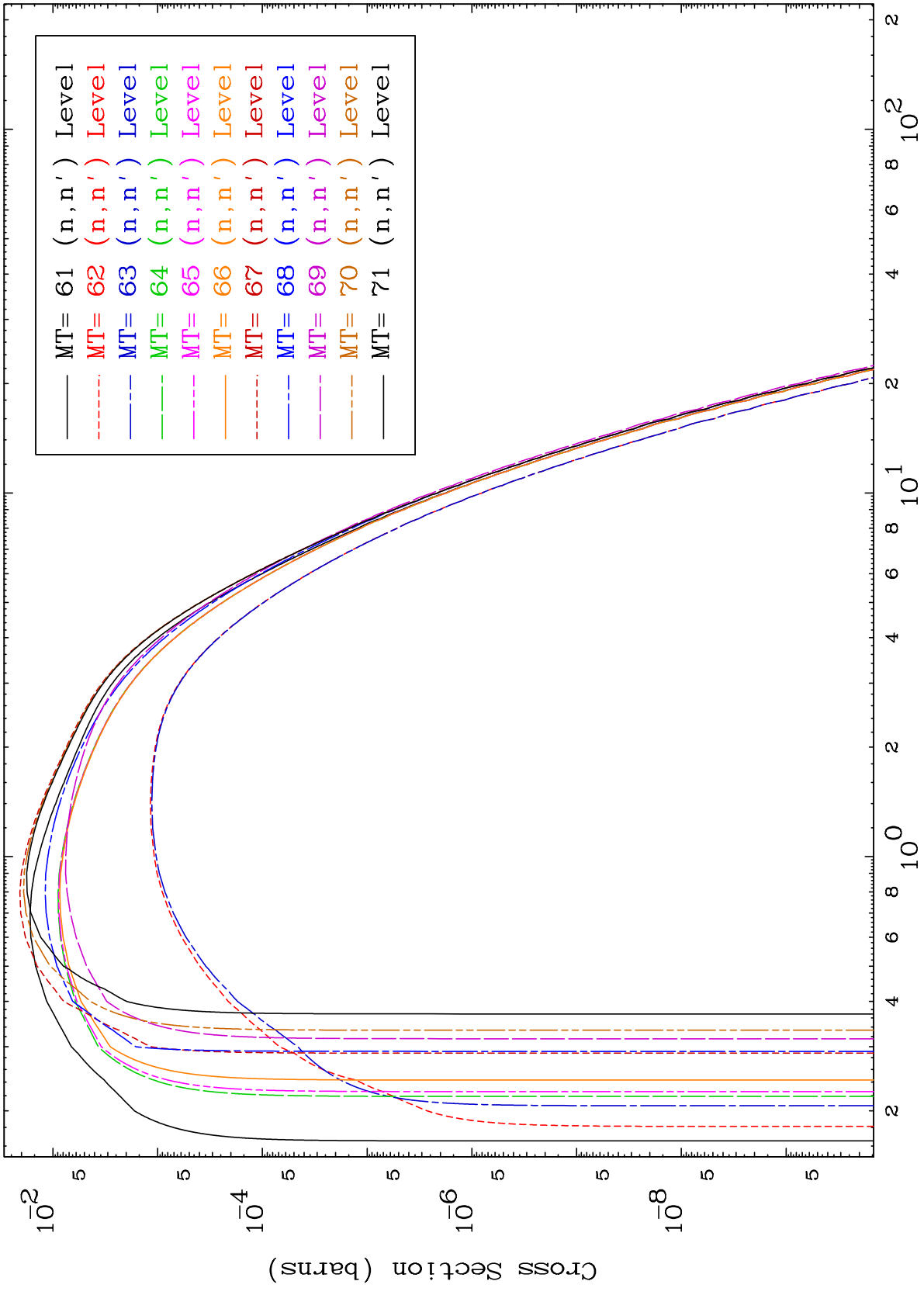
37-Rb-78

MAT 3705

(n,n') Level

37-Rb-78

293 Kelvin Cross Sections



7

Incident Energy (MeV)

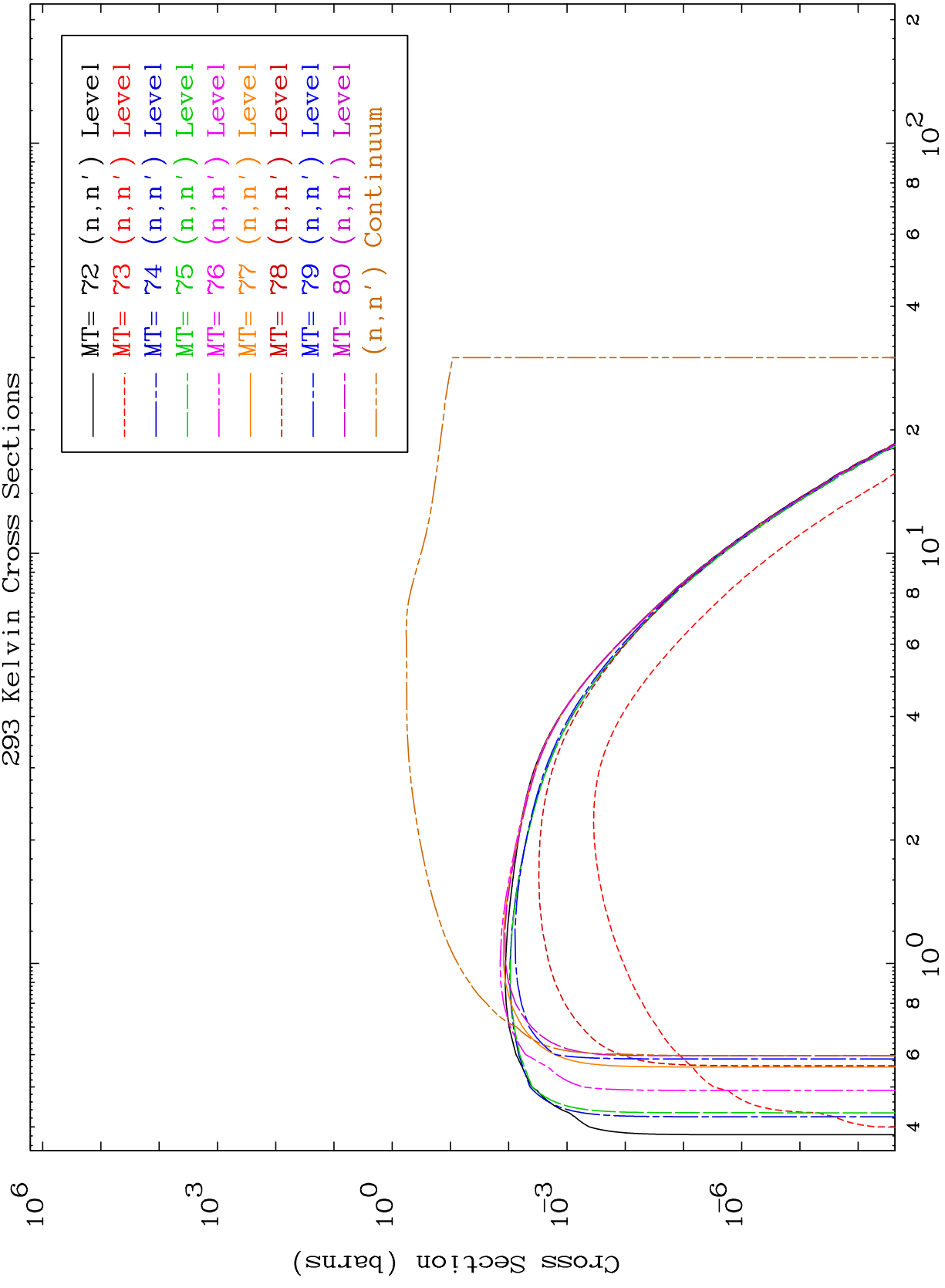
37-Rb-78

MAT 3705

(n,n') Level

37-Rb-78

293 Kelvin Cross Sections



8

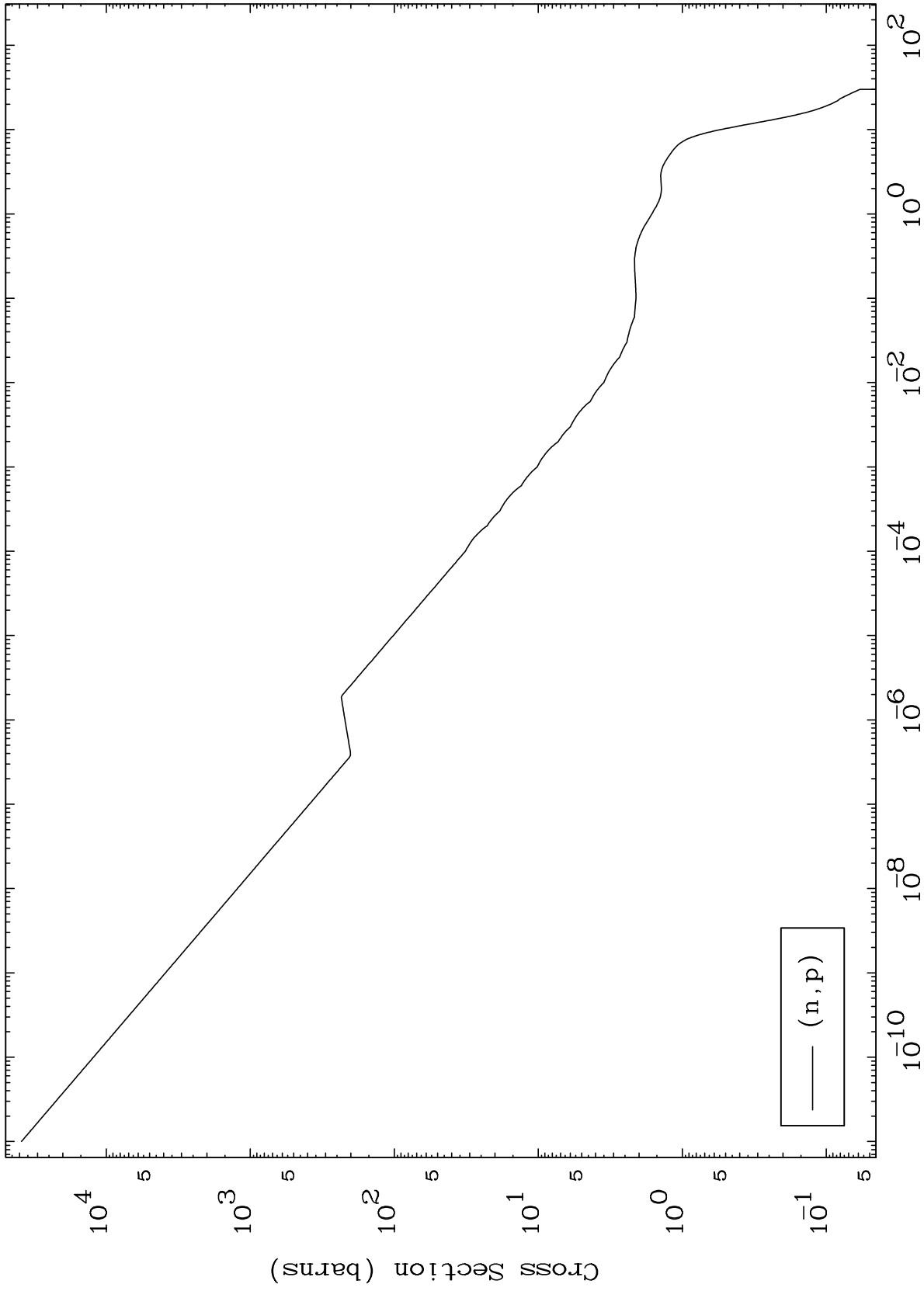
Incident Energy (MeV)

37-Rb-78

MAT 3705

(n,p) Levels
293 Kelvin Cross Sections

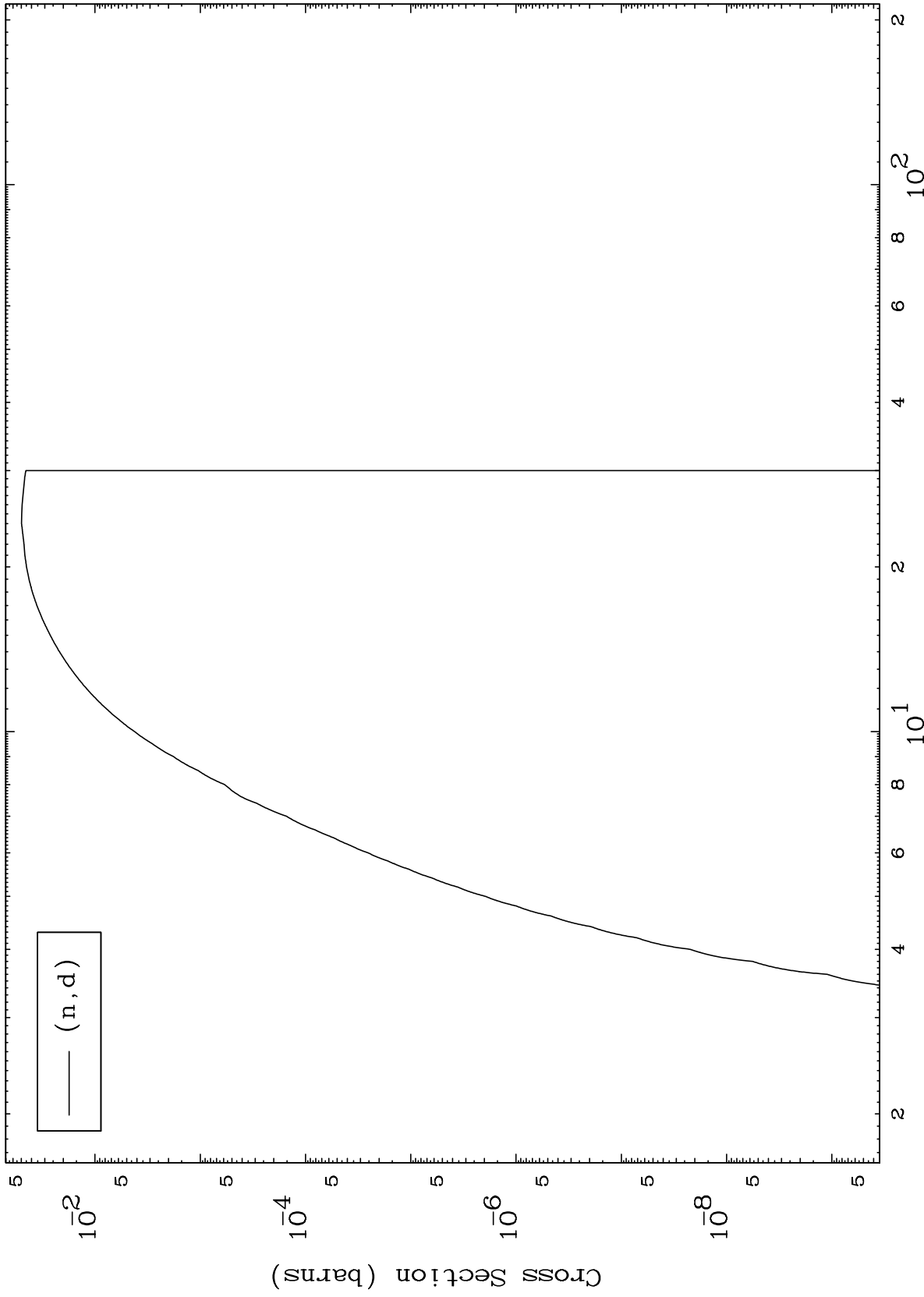
37-Rb-78



MAT 3705

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-78



10

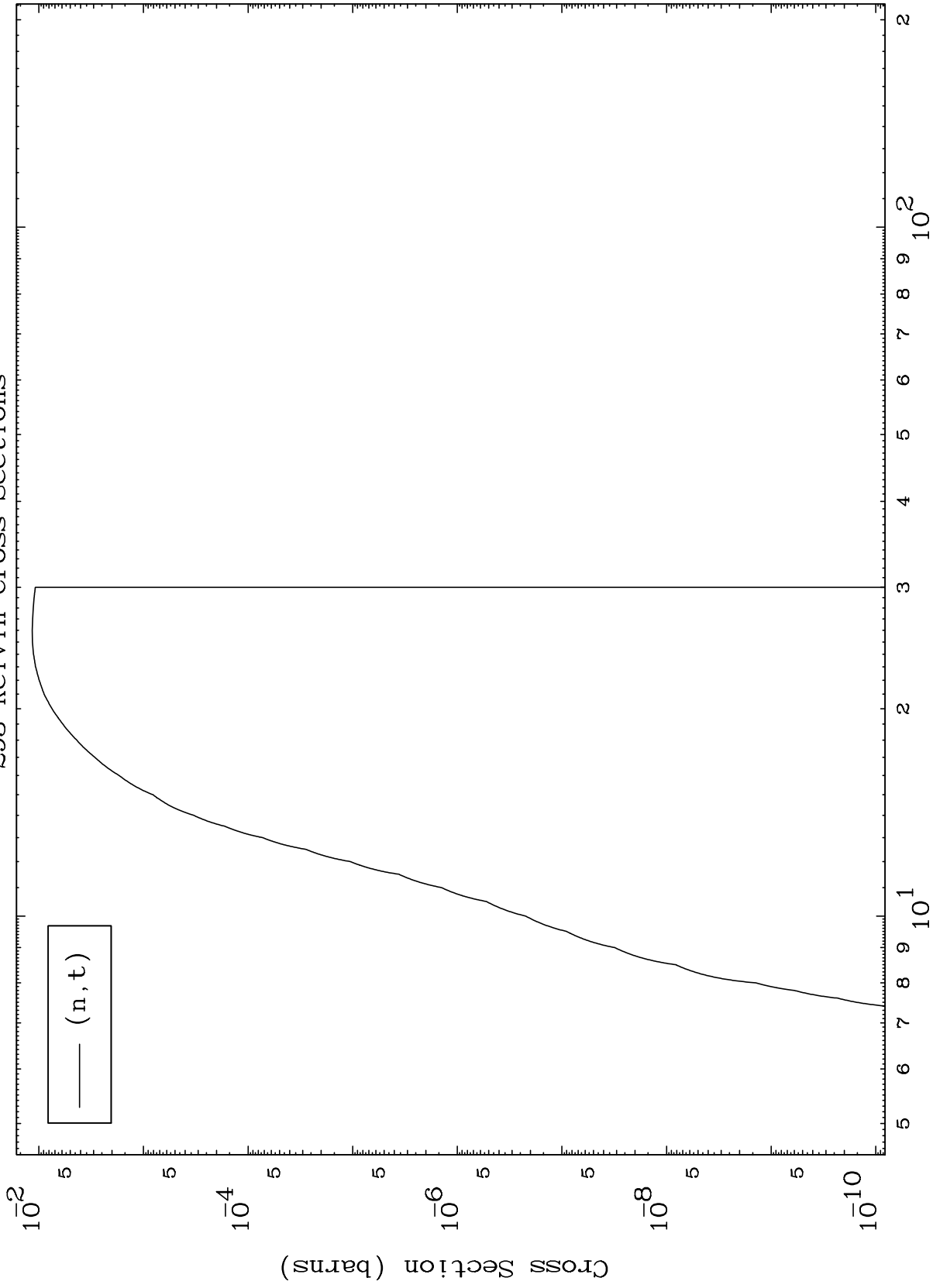
Incident Energy (MeV)

37-Rb-78

MAT 3705

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-78



11

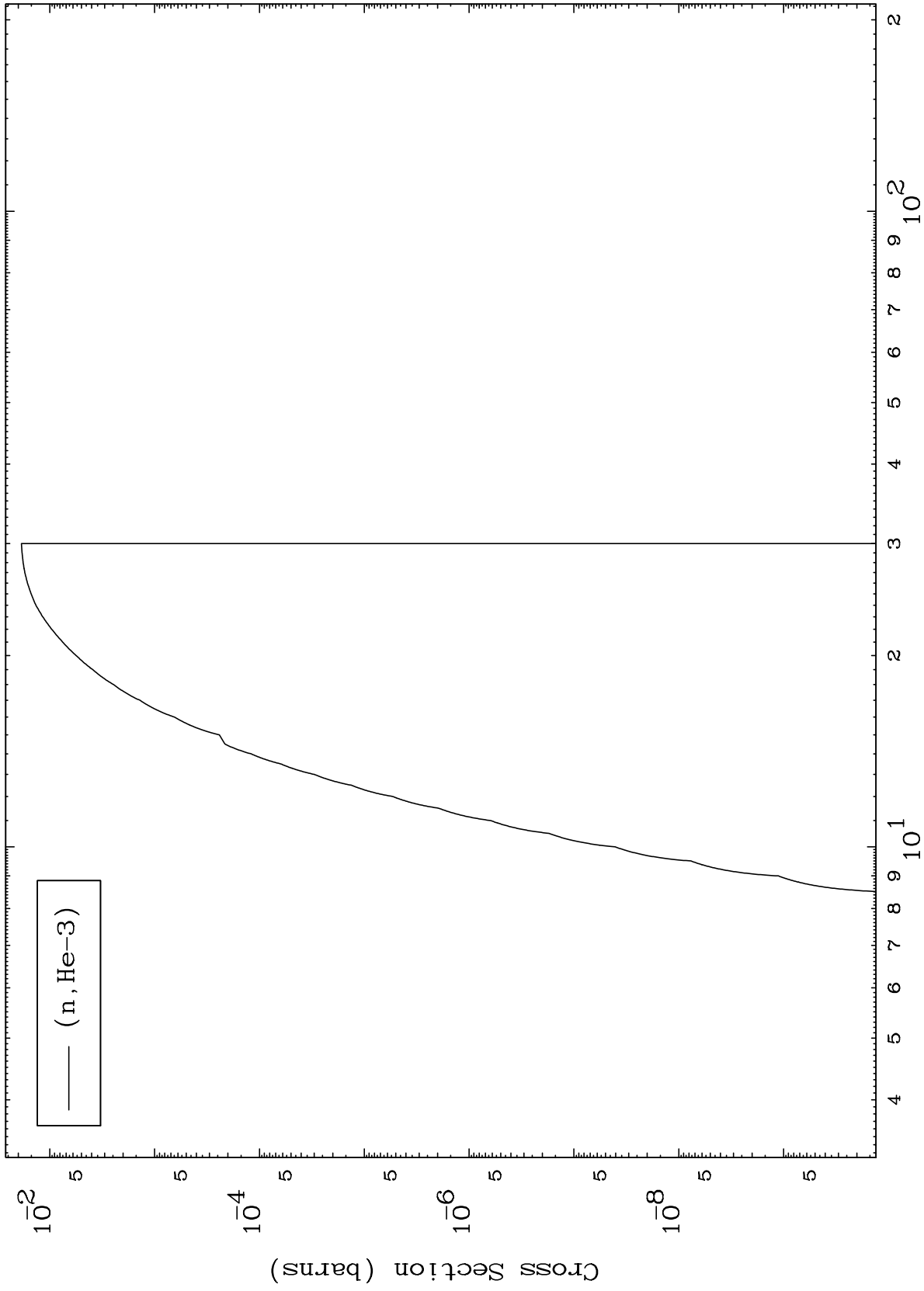
Incident Energy (MeV)

37-Rb-78

MAT 3705

37-Rb-78

(n,He3) Levels
293 Kelvin Cross Sections



12

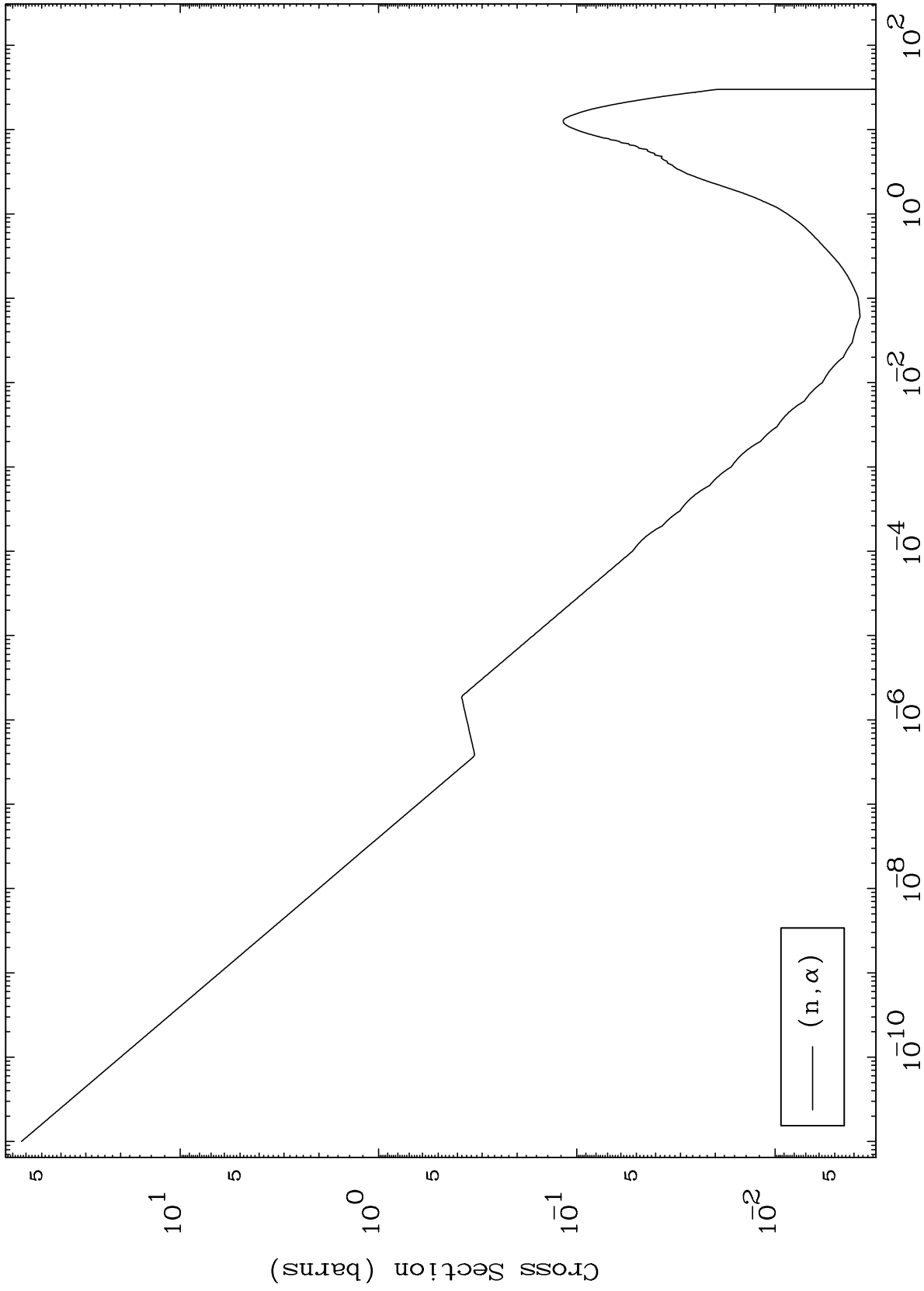
Incident Energy (MeV)

37-Rb-78

MAT 3705

(n,α) Levels
293 Kelvin Cross Sections

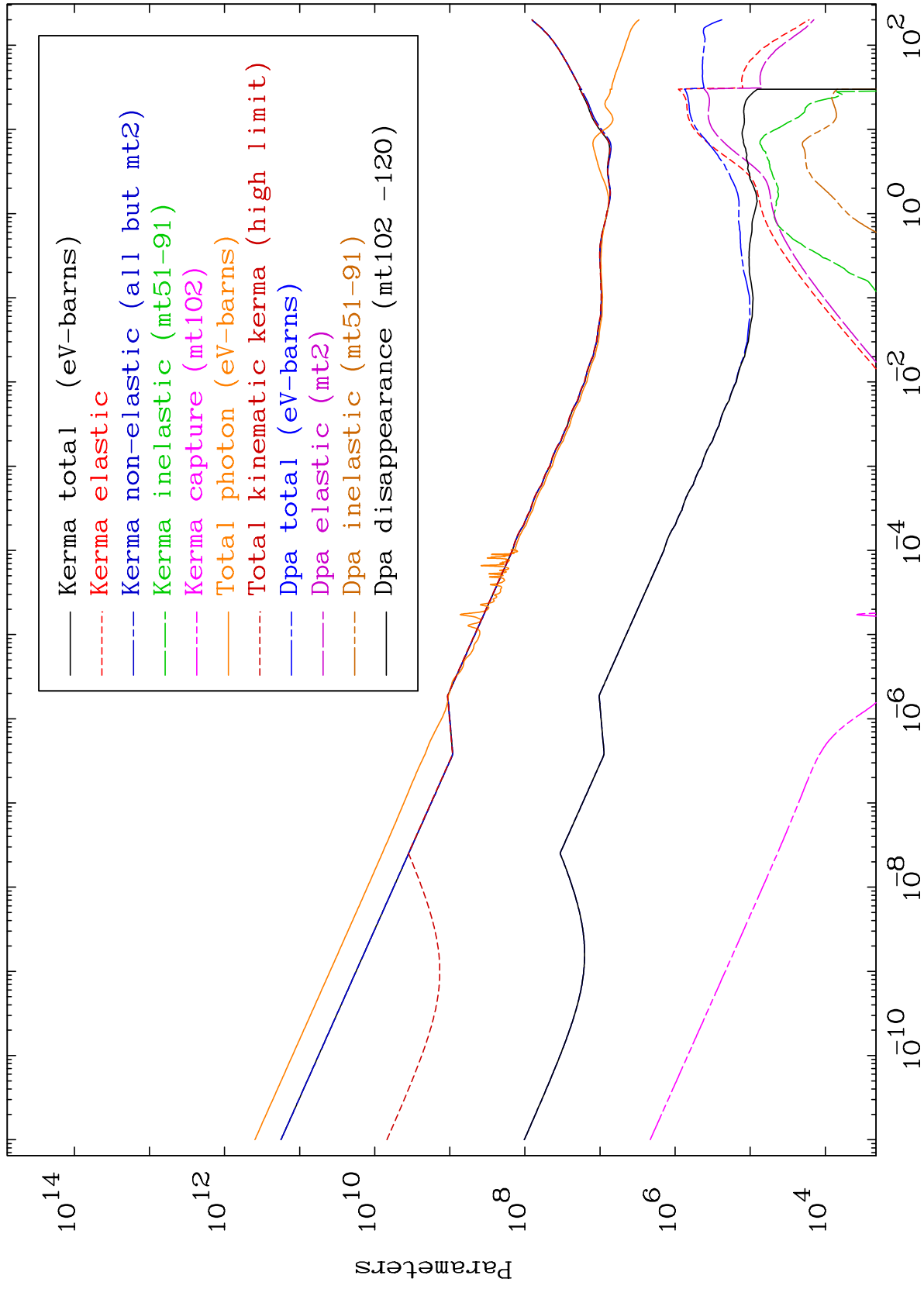
37-Rb-78



13

Incident Energy (MeV)

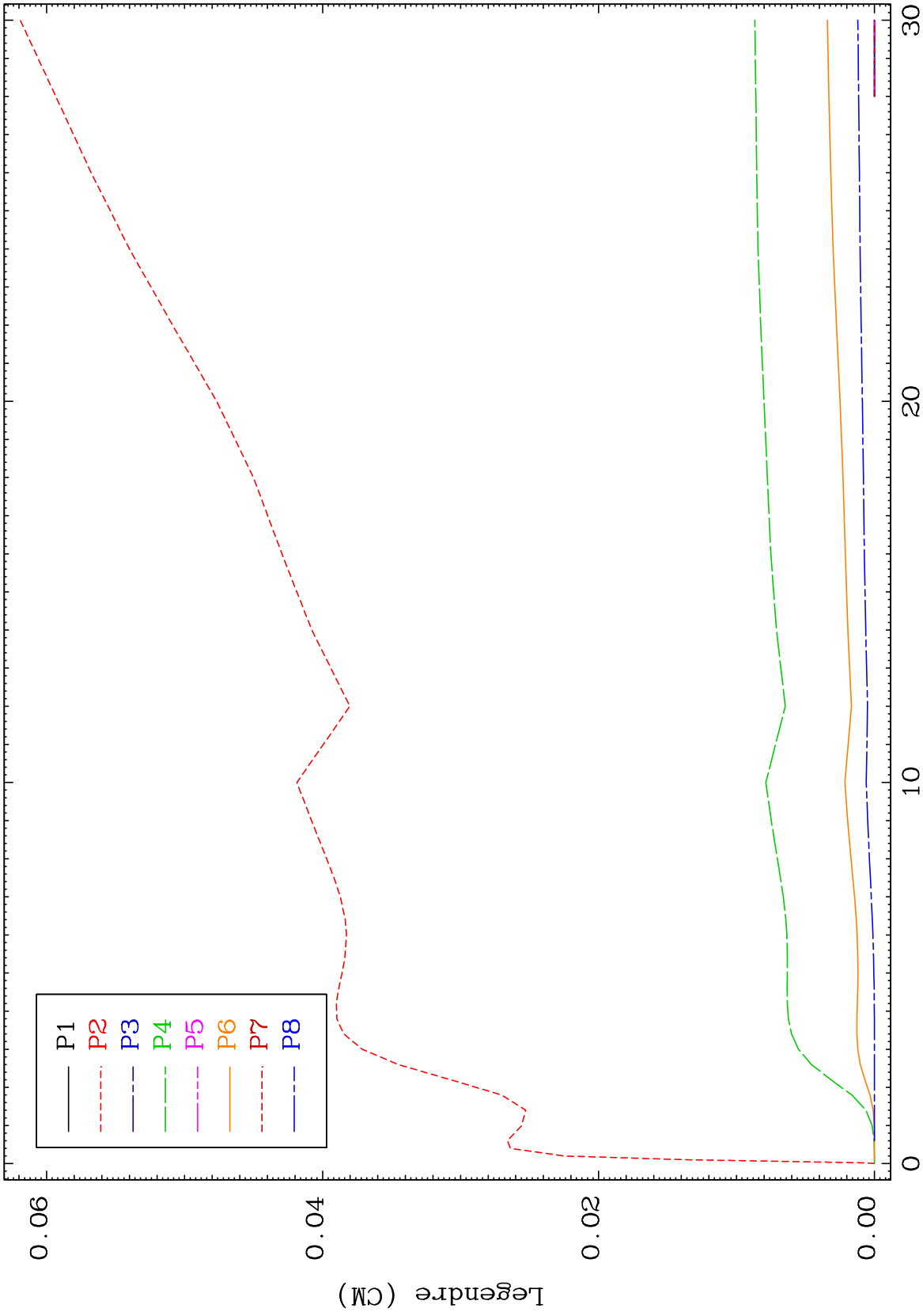
37-Rb-78



MAT 3705

Elastic Legendre Coefficients

37-Rb-78



15

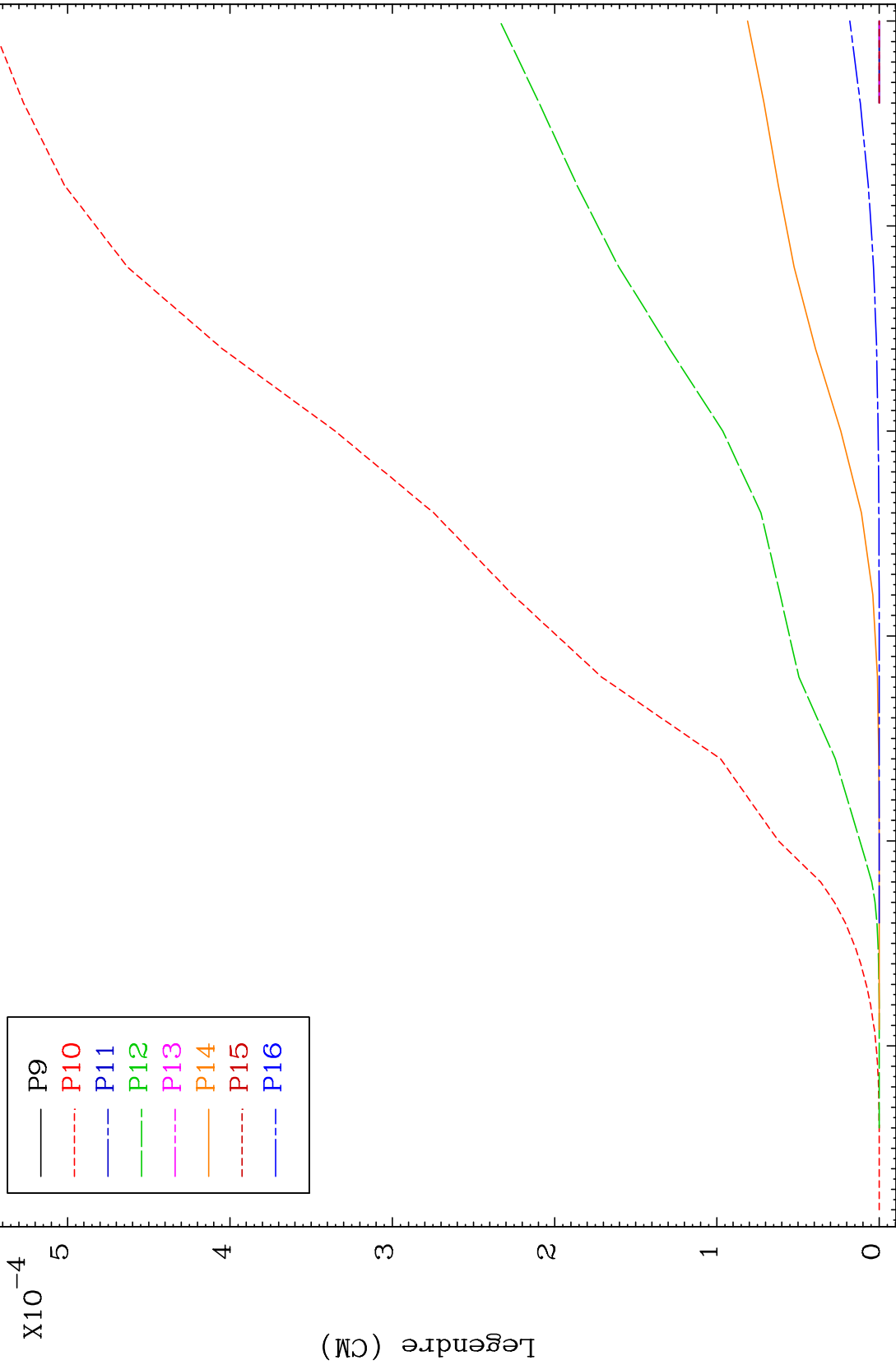
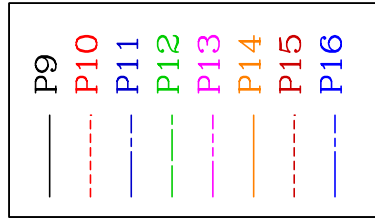
Incident Energy (MeV)

37-Rb-78

MAT 3705

Elastic Legendre Coefficients

37-Rb-78



16

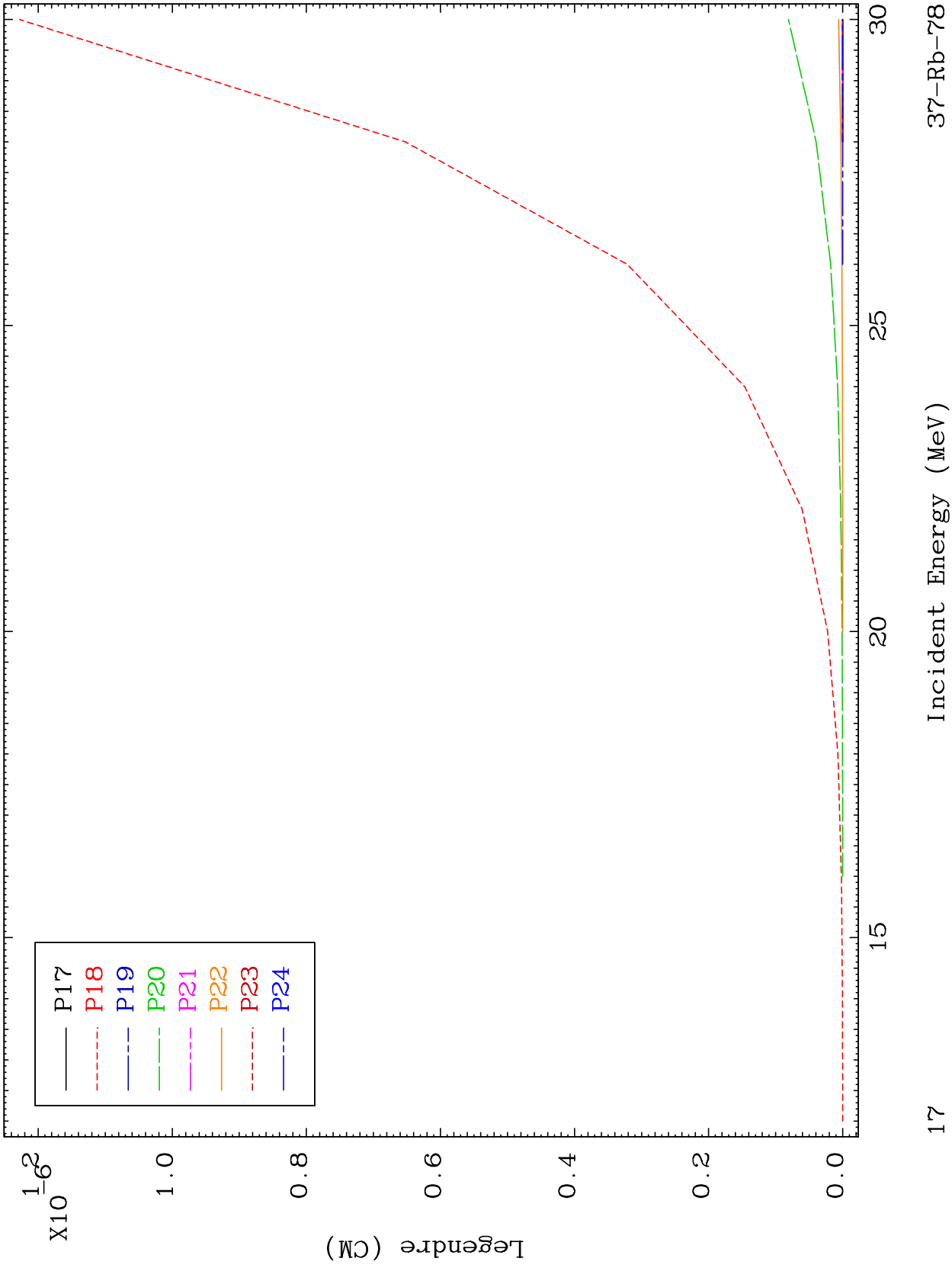
Incident Energy (MeV)

37-Rb-78

MAT 3705

Elastic Legendre Coefficients

37-Rb-78



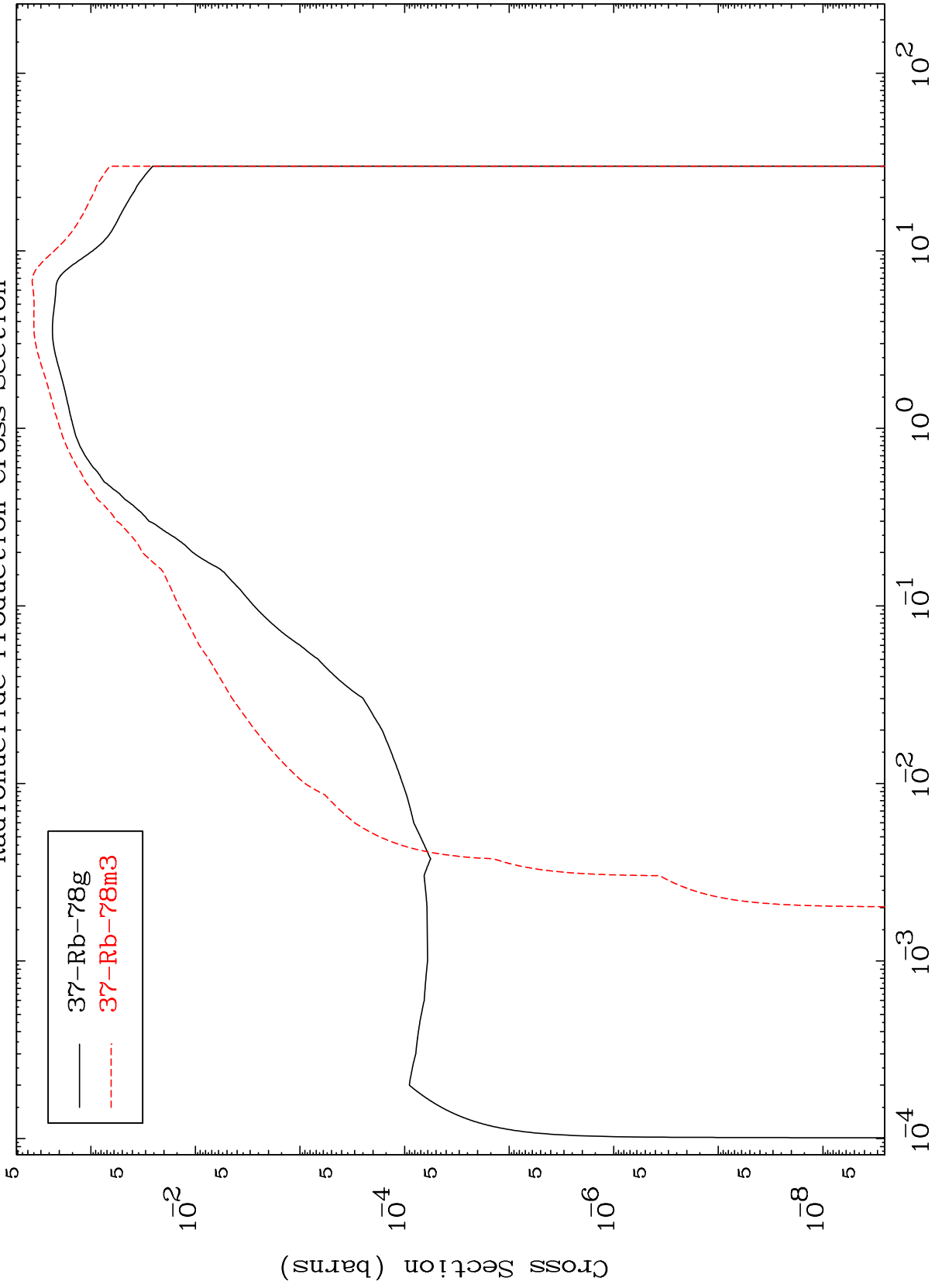
17

37-Rb-78

MAT 3705

Inelastic
Radionuclide Production Cross Section

37-Rb-78



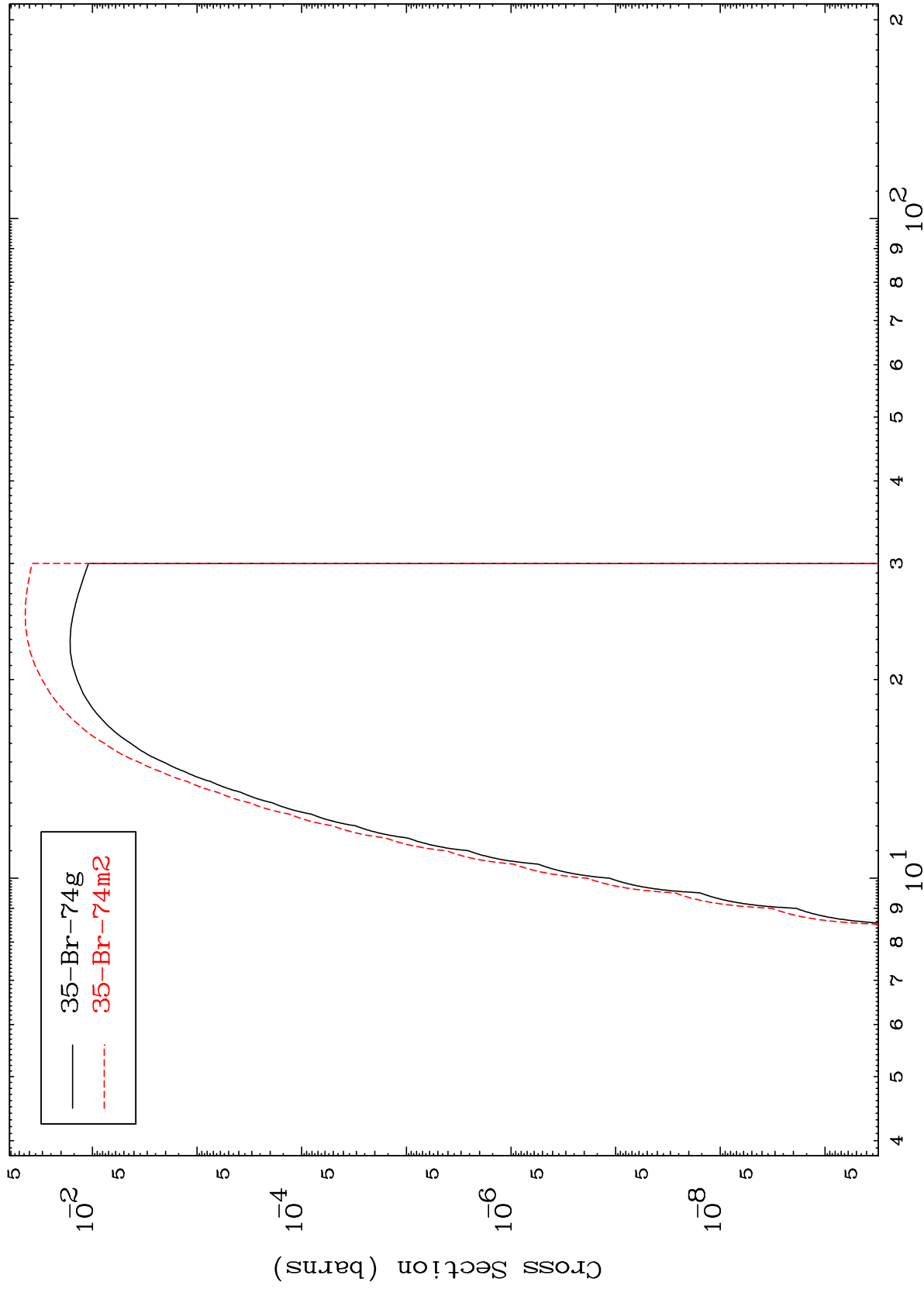
— 37-Rb-78g
- - - 37-Rb-78m3

MAT 3705

(n,n') α

37-Rb-78

Radionuclide Production Cross Section



19

Incident Energy (MeV)

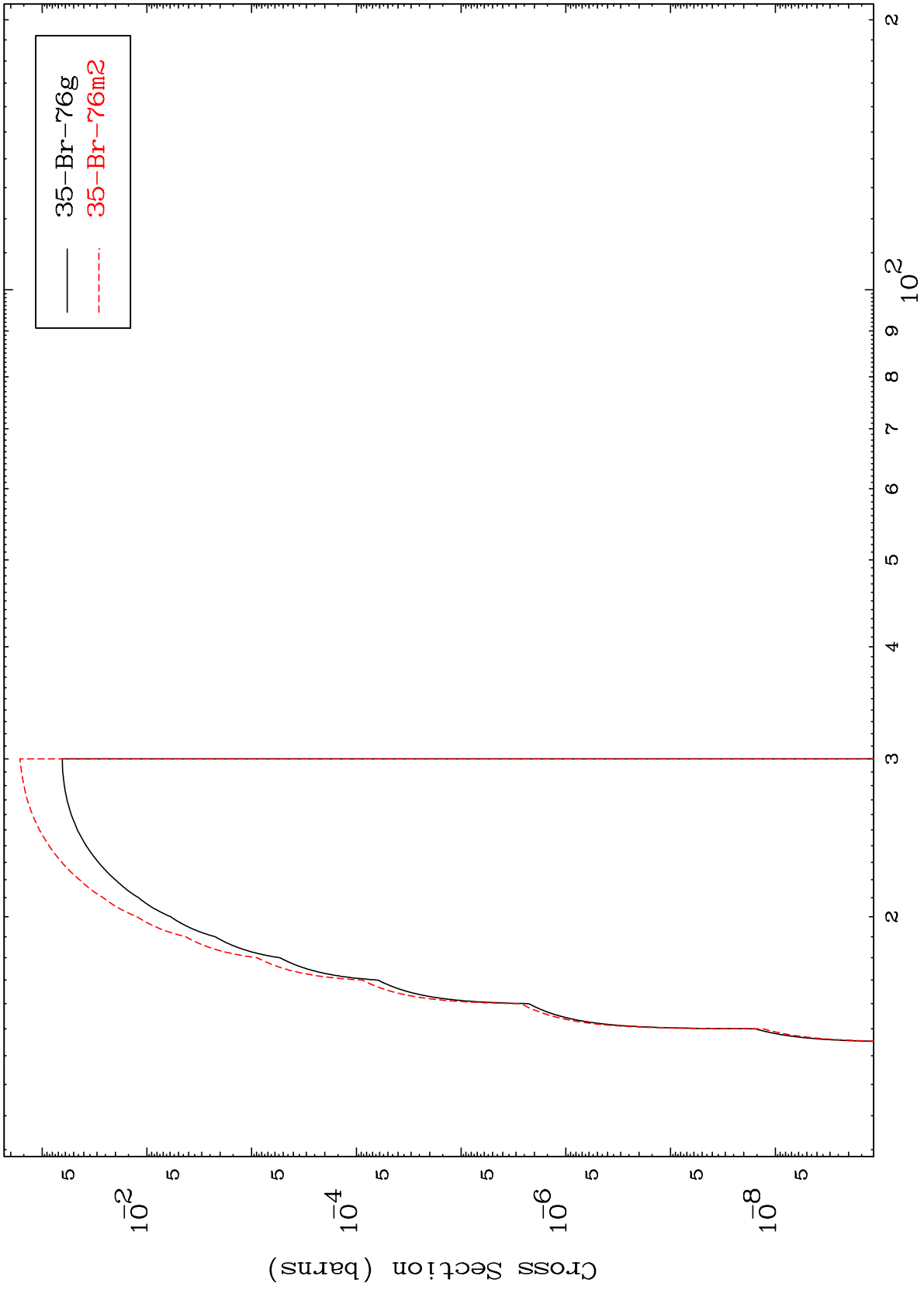
37-Rb-78

MAT 3705

(n,2n) p

37-Rb-78

Radionuclide Production Cross Section



20

Incident Energy (MeV)

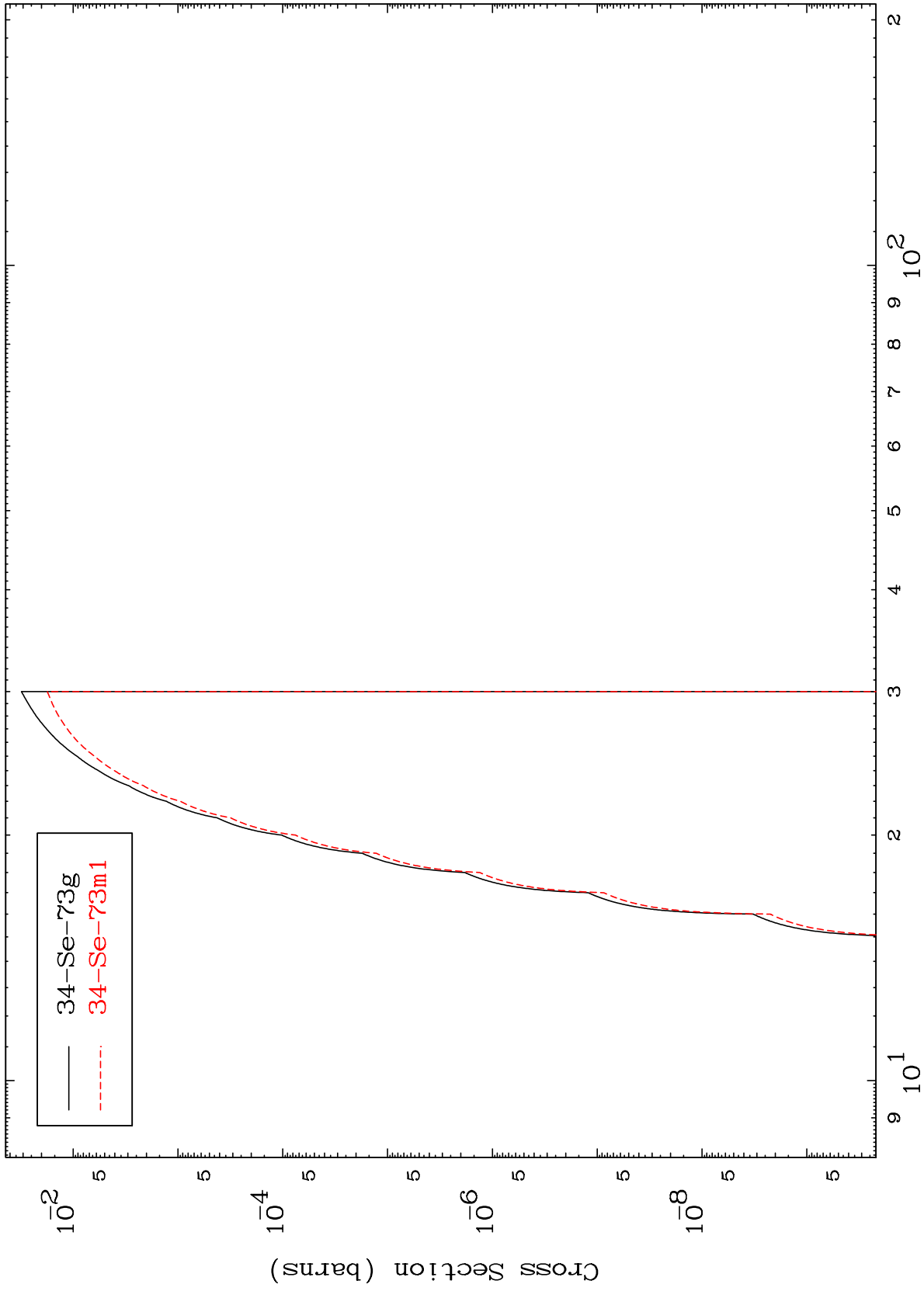
37-Rb-78

MAT 3705

(n,n') p α

37-Rb-78

Radionuclide Production Cross Section



21

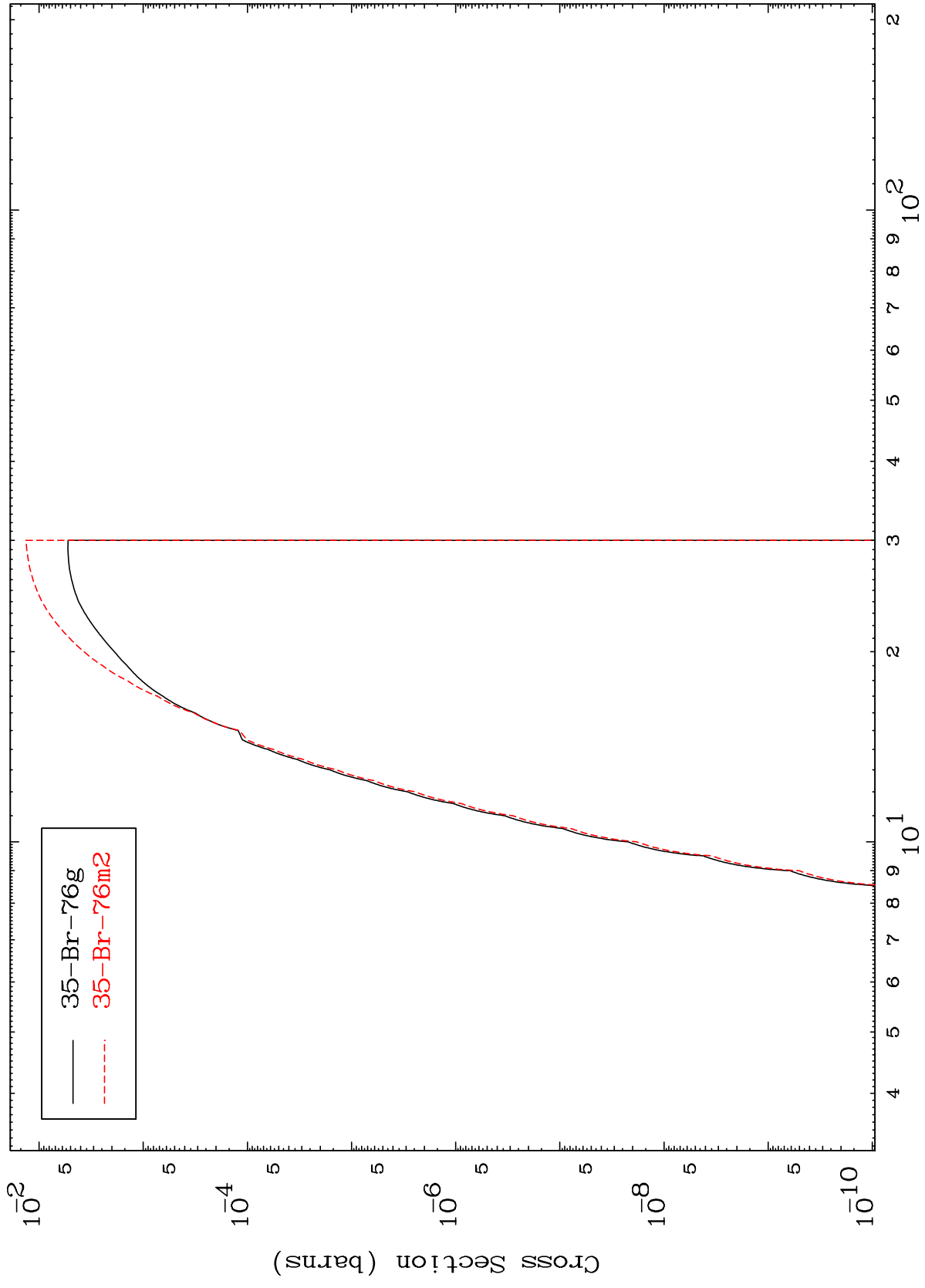
37-Rb-78

MAT 3705

(n, He-3)

37-Rb-78

Radionuclide Production Cross Section



22

Incident Energy (MeV)

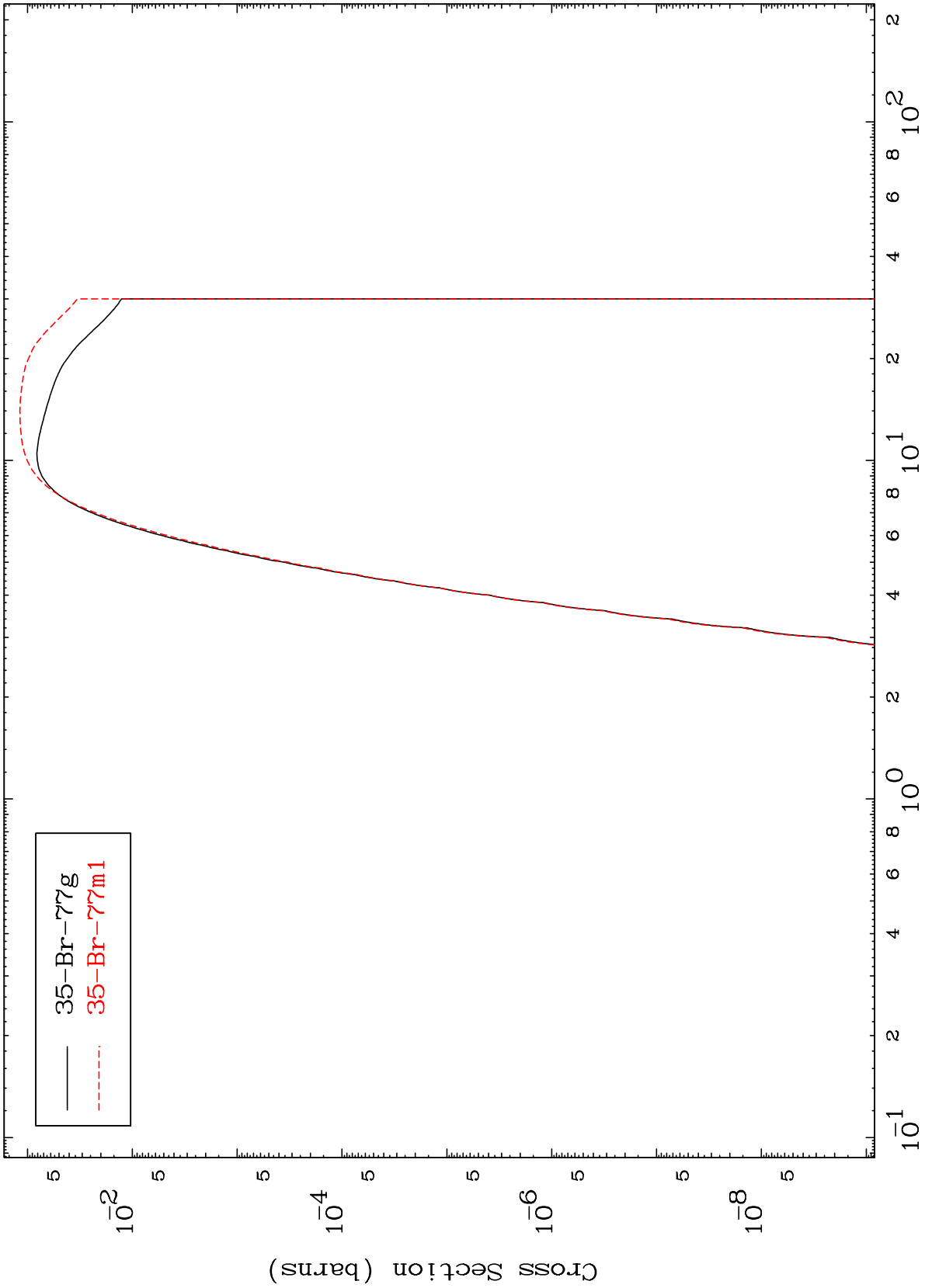
37-Rb-78

MAT 3705

(n,2p)

37-Rb-78

Radionuclide Production Cross Section



23

Incident Energy (MeV)

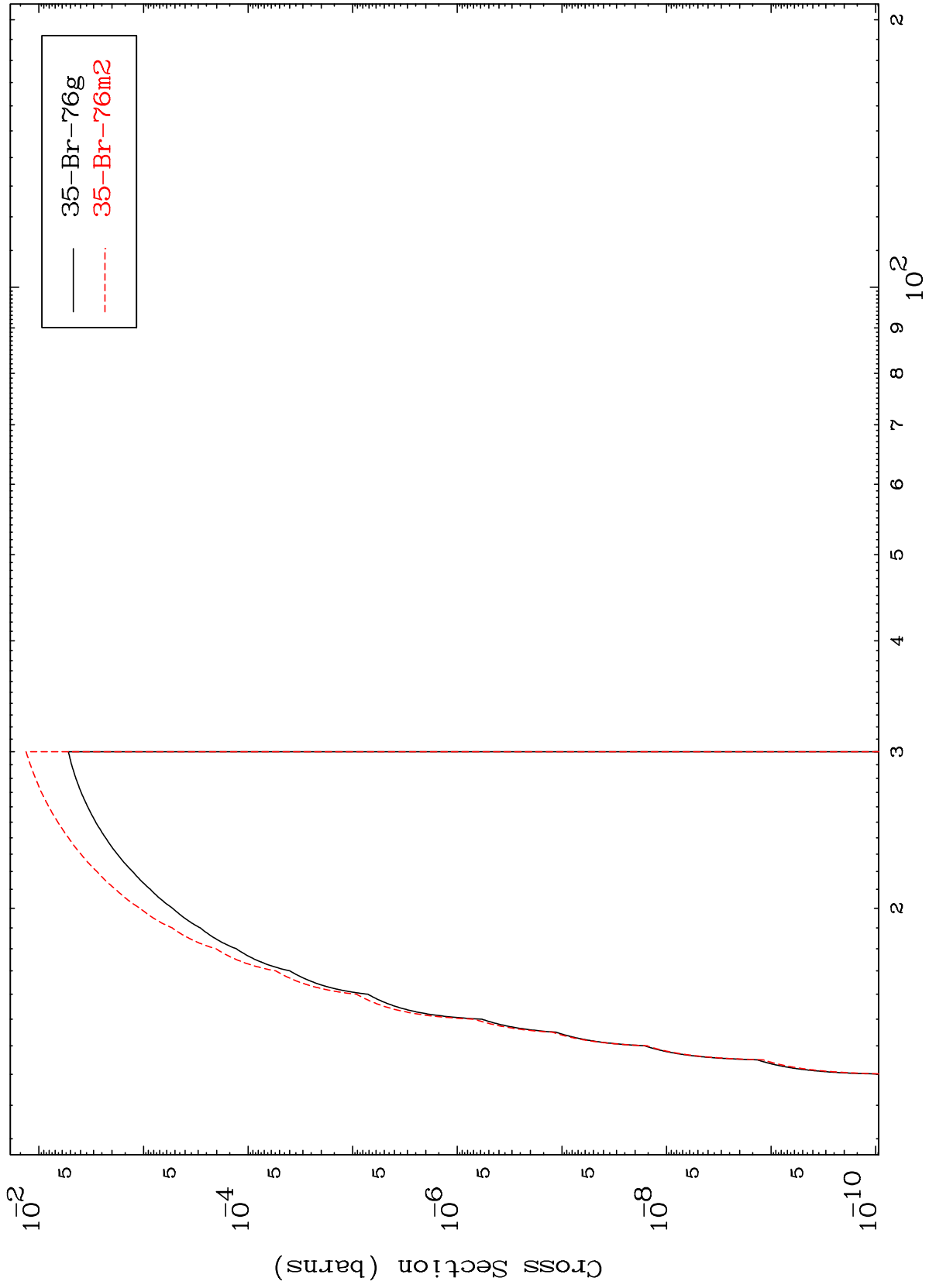
37-Rb-78

MAT 3705

(n,p) d

37-Rb-78

Radionuclide Production Cross Section



24

Incident Energy (MeV)

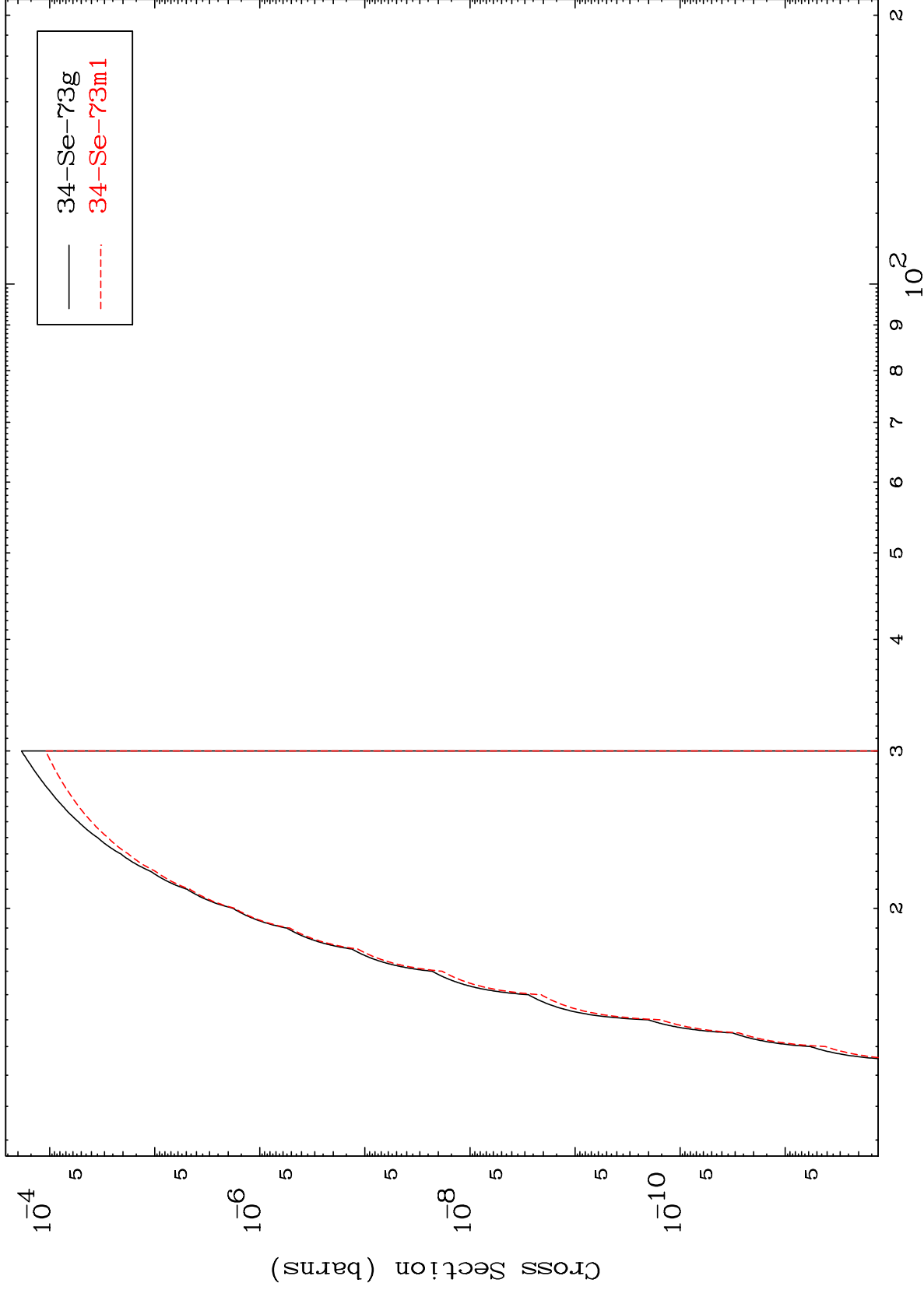
37-Rb-78

MAT 3705

(n,d) α

37-Rb-78

Radionuclide Production Cross Section



25

Incident Energy (MeV)

37-Rb-78