

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

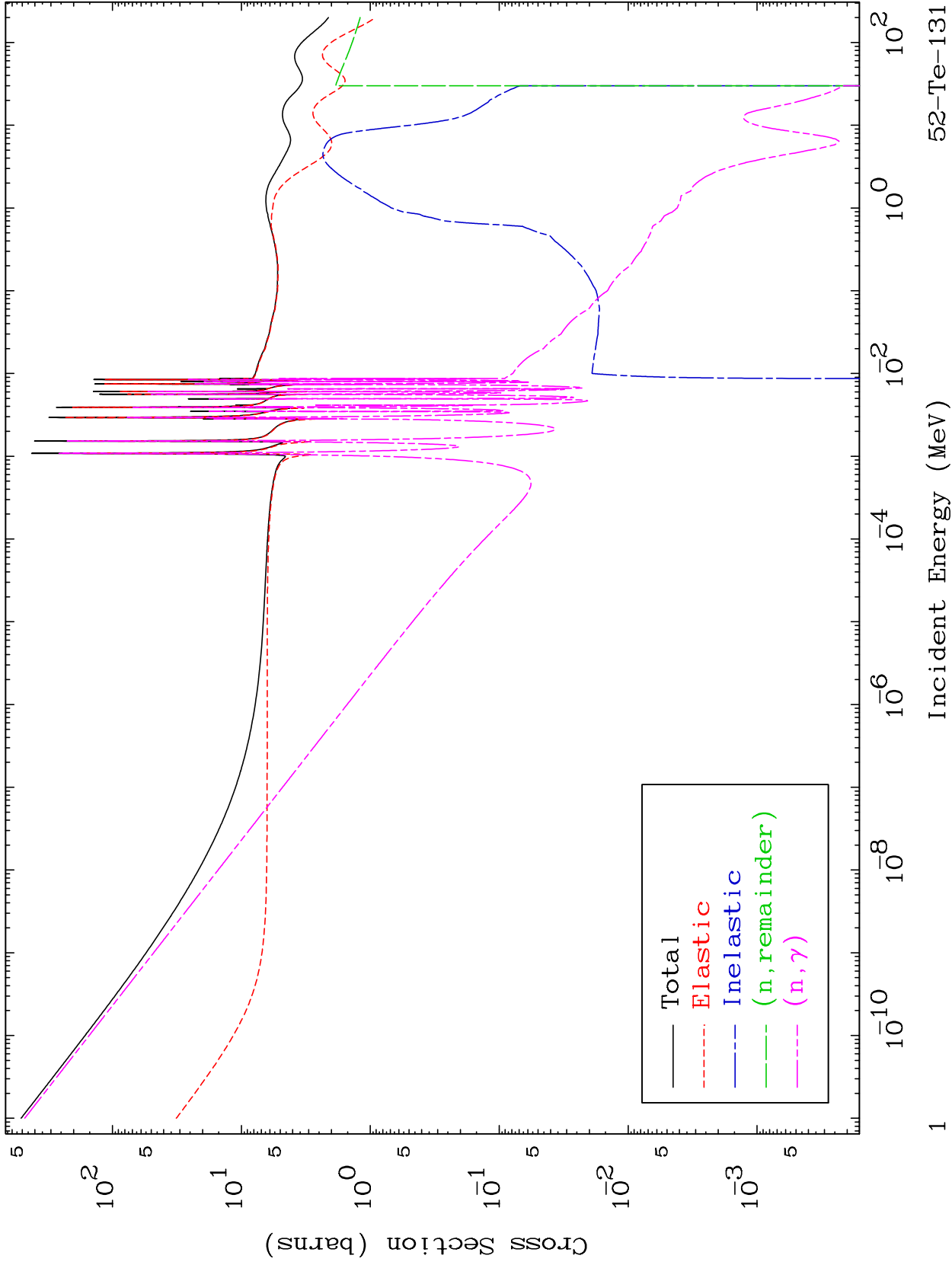
Press Mouse Button to Start

MAT 5259

Major

293 Kelvin Cross Sections

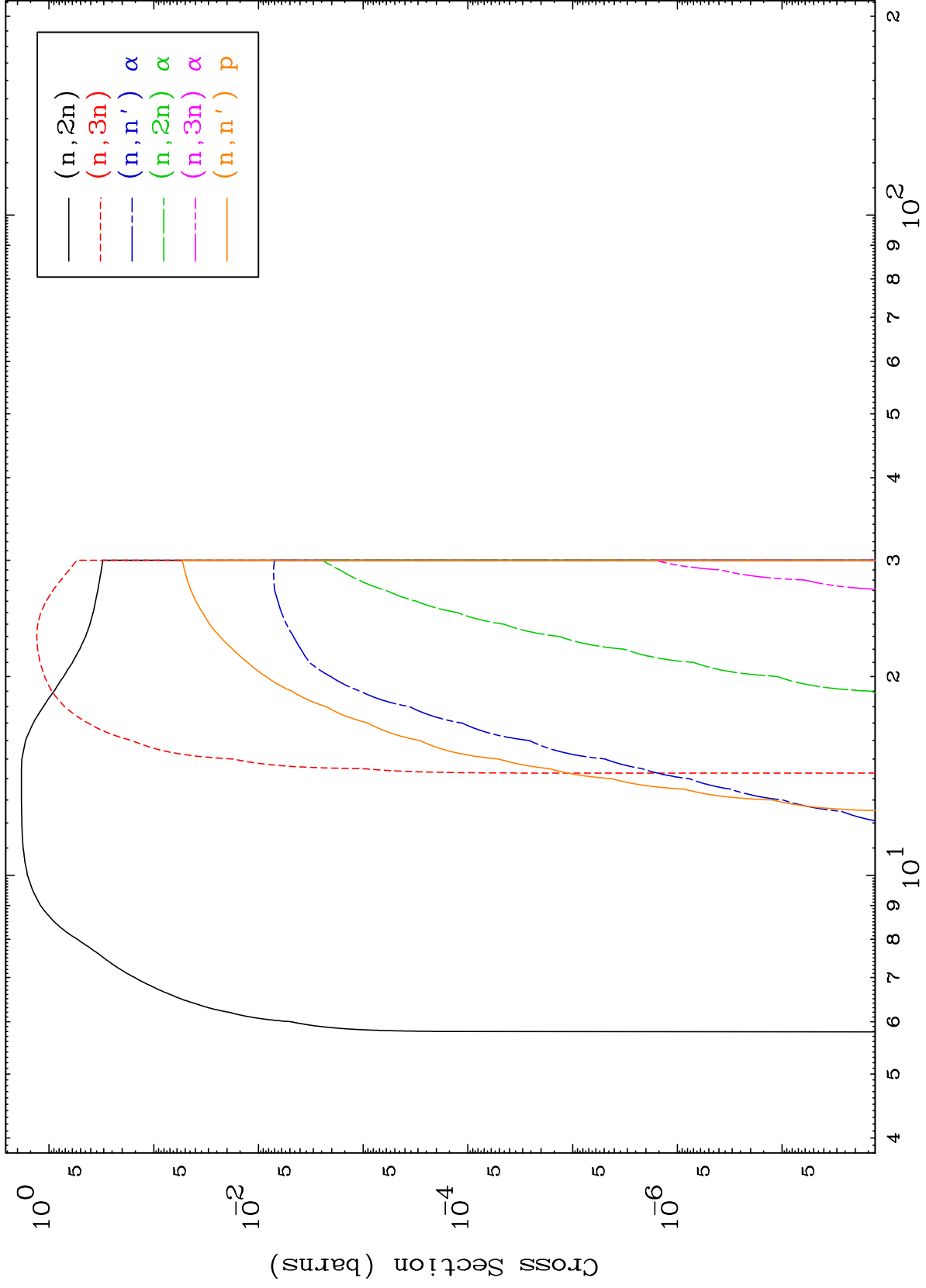
52-Te-131



MAT 5259

Neutron Production  
293 Kelvin Cross Sections

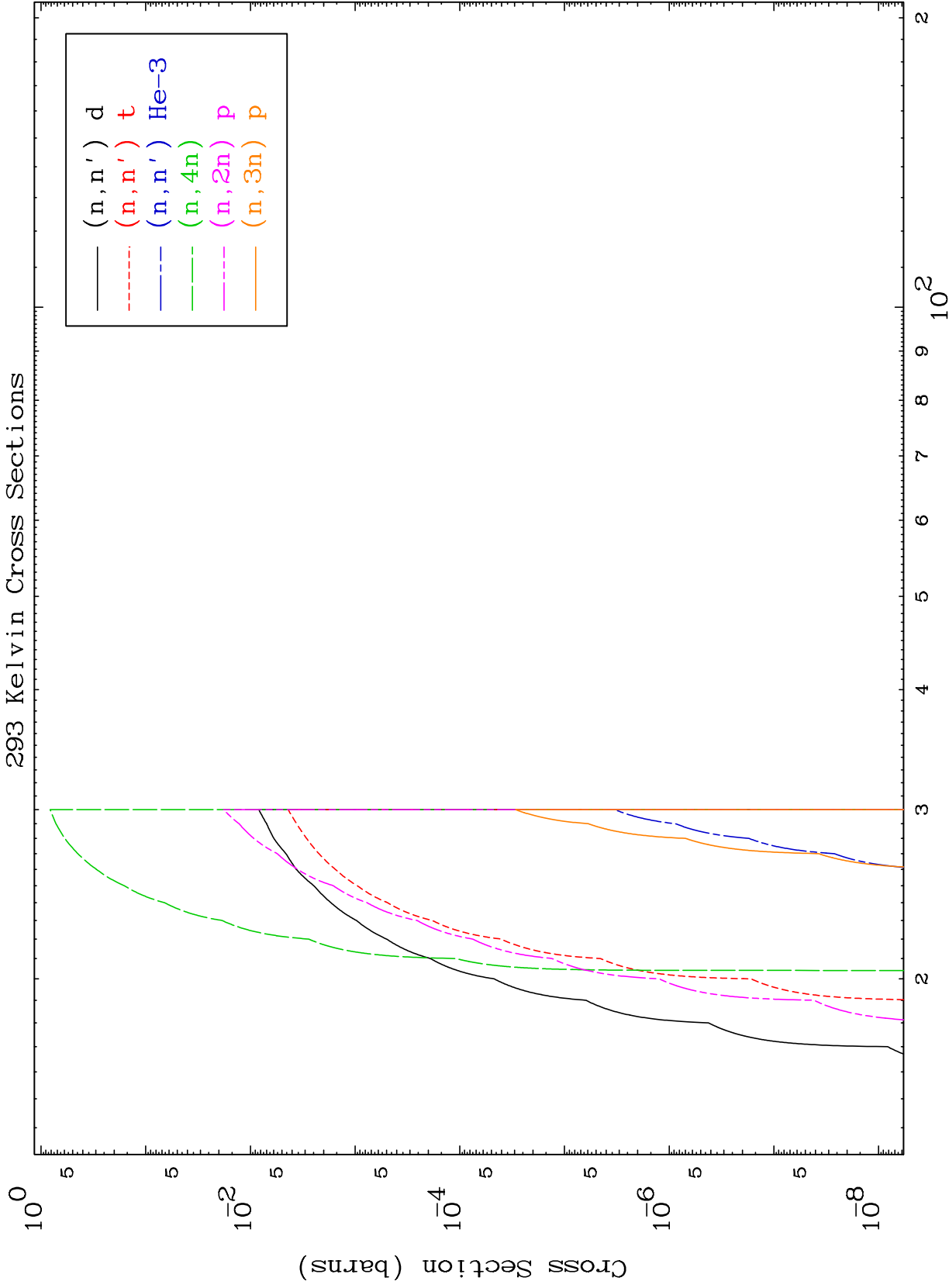
52-Te-131

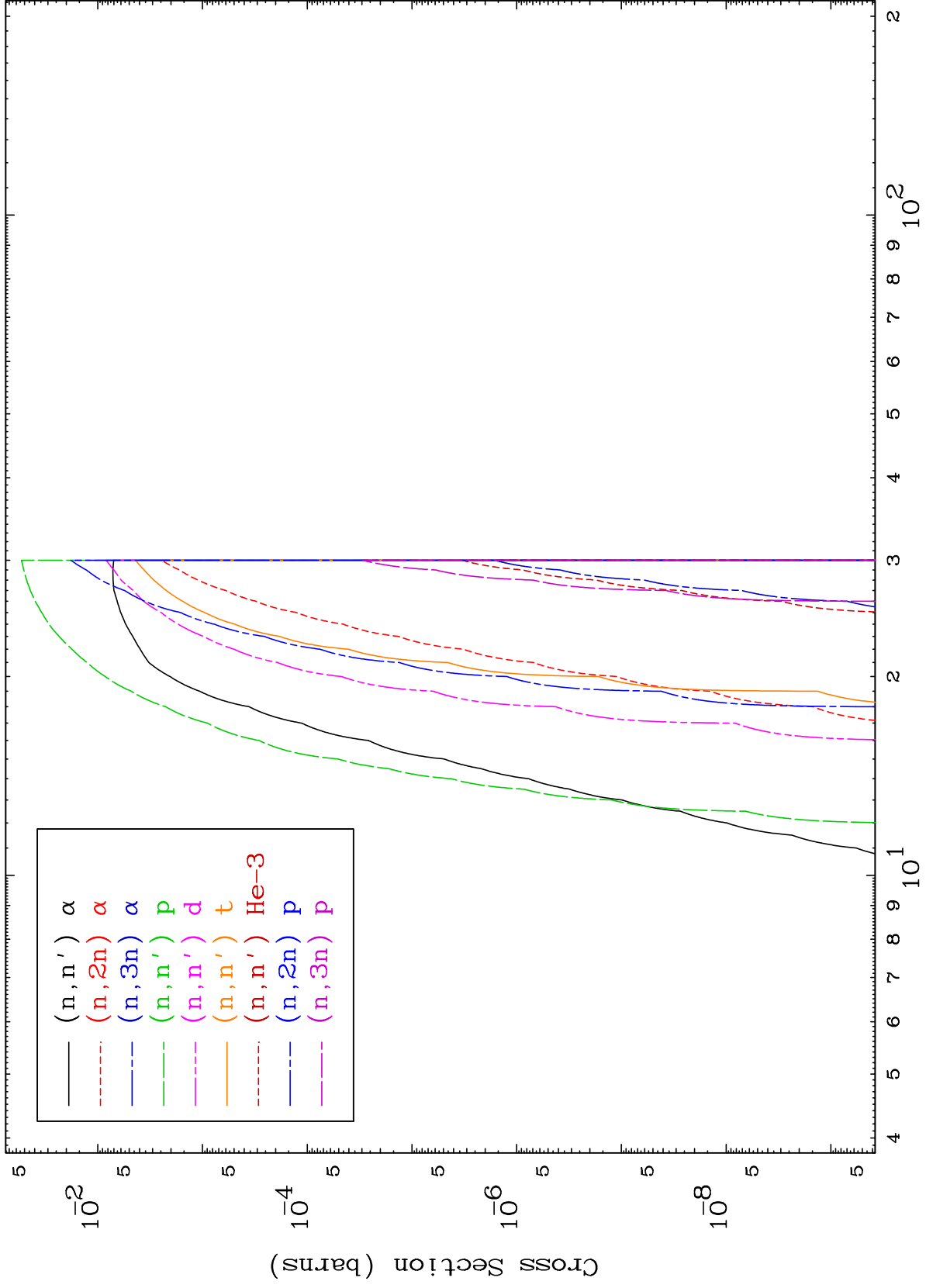


2

Incident Energy (MeV)

52-Te-131

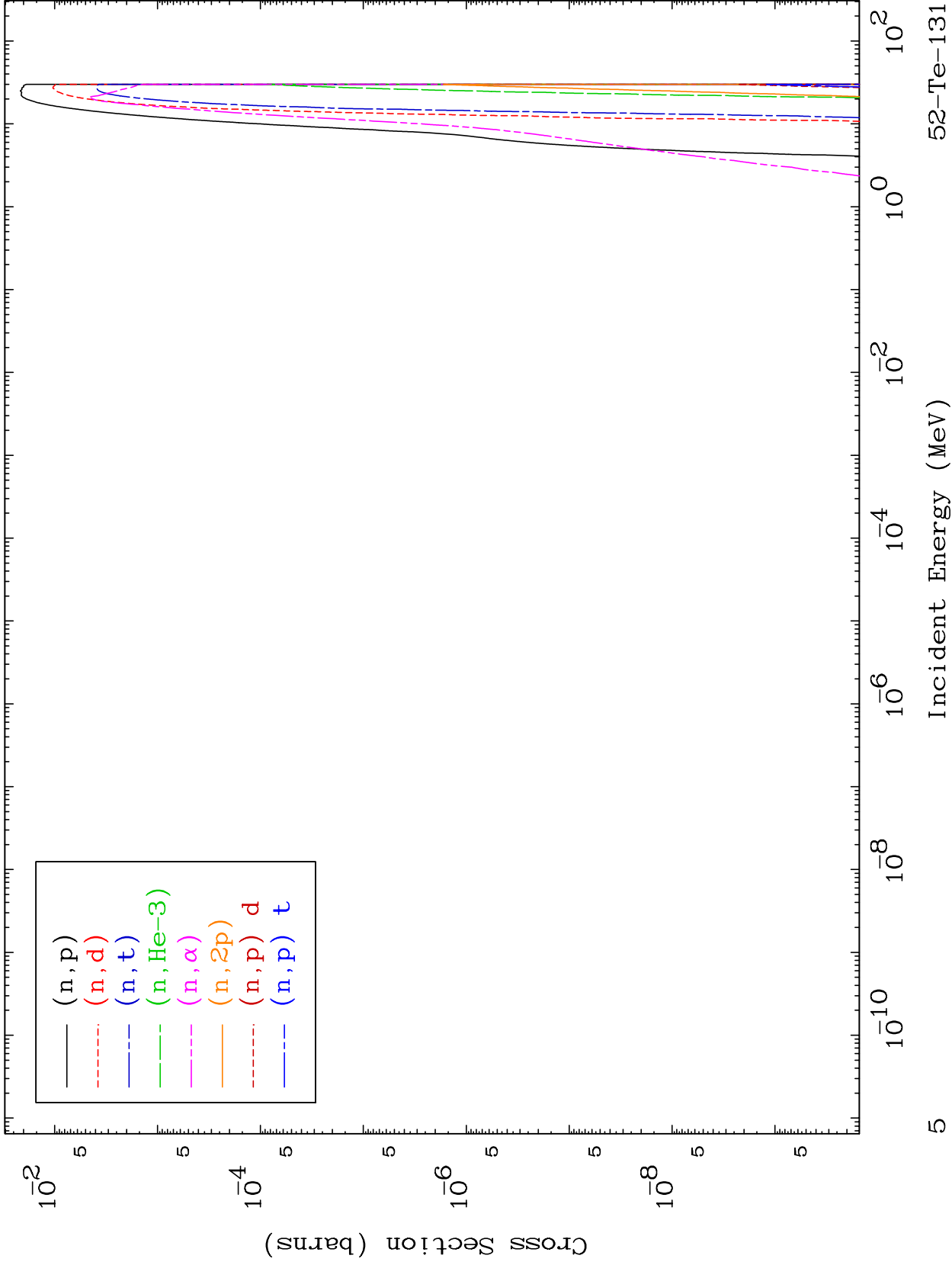




MAT 5259

Charged Particle  
293 Kelvin Cross Sections

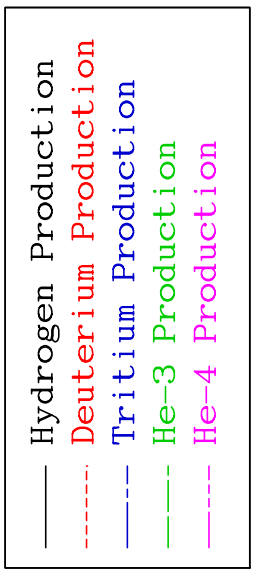
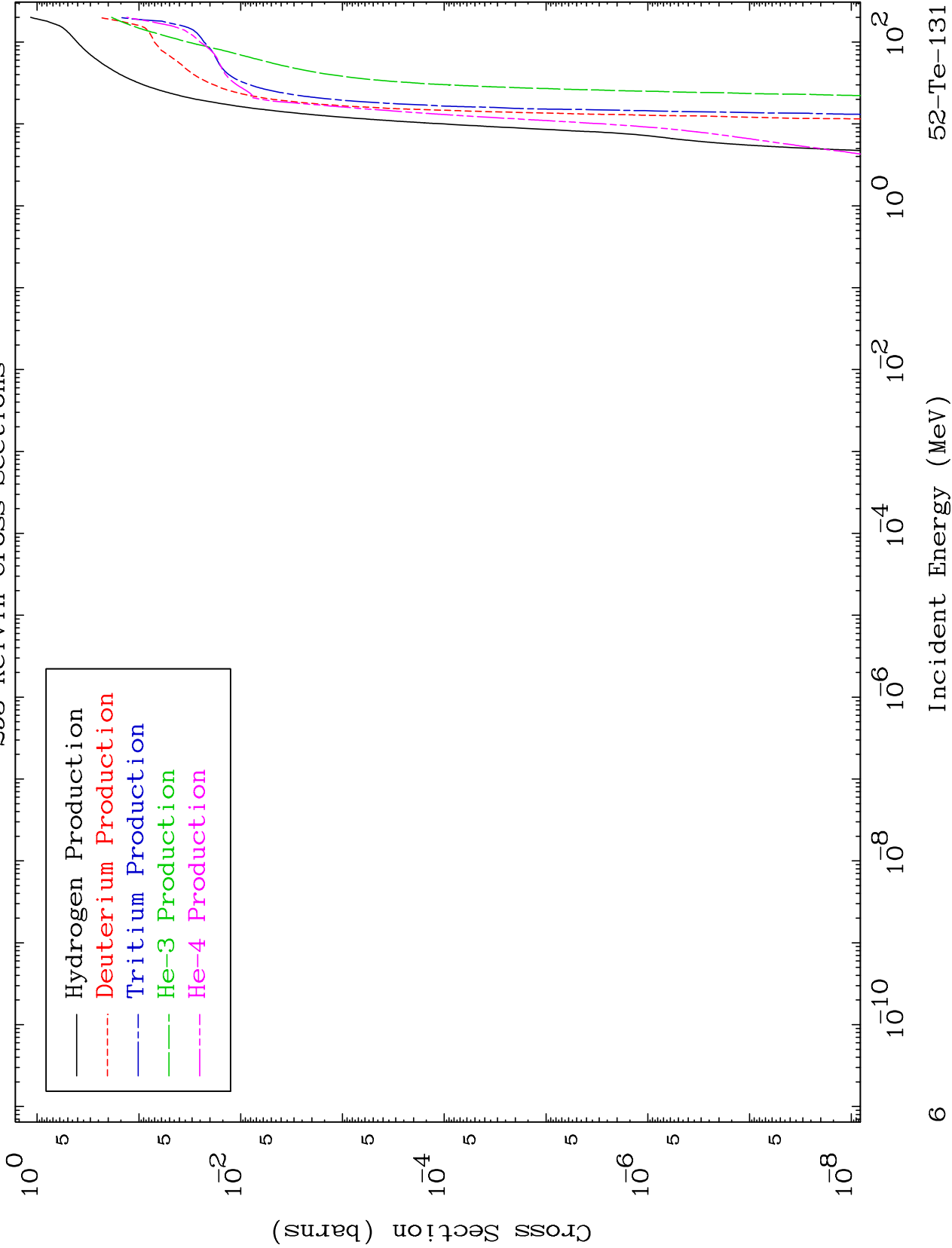
52-Te-131



MAT 5259

Particle Production  
293 Kelvin Cross Sections

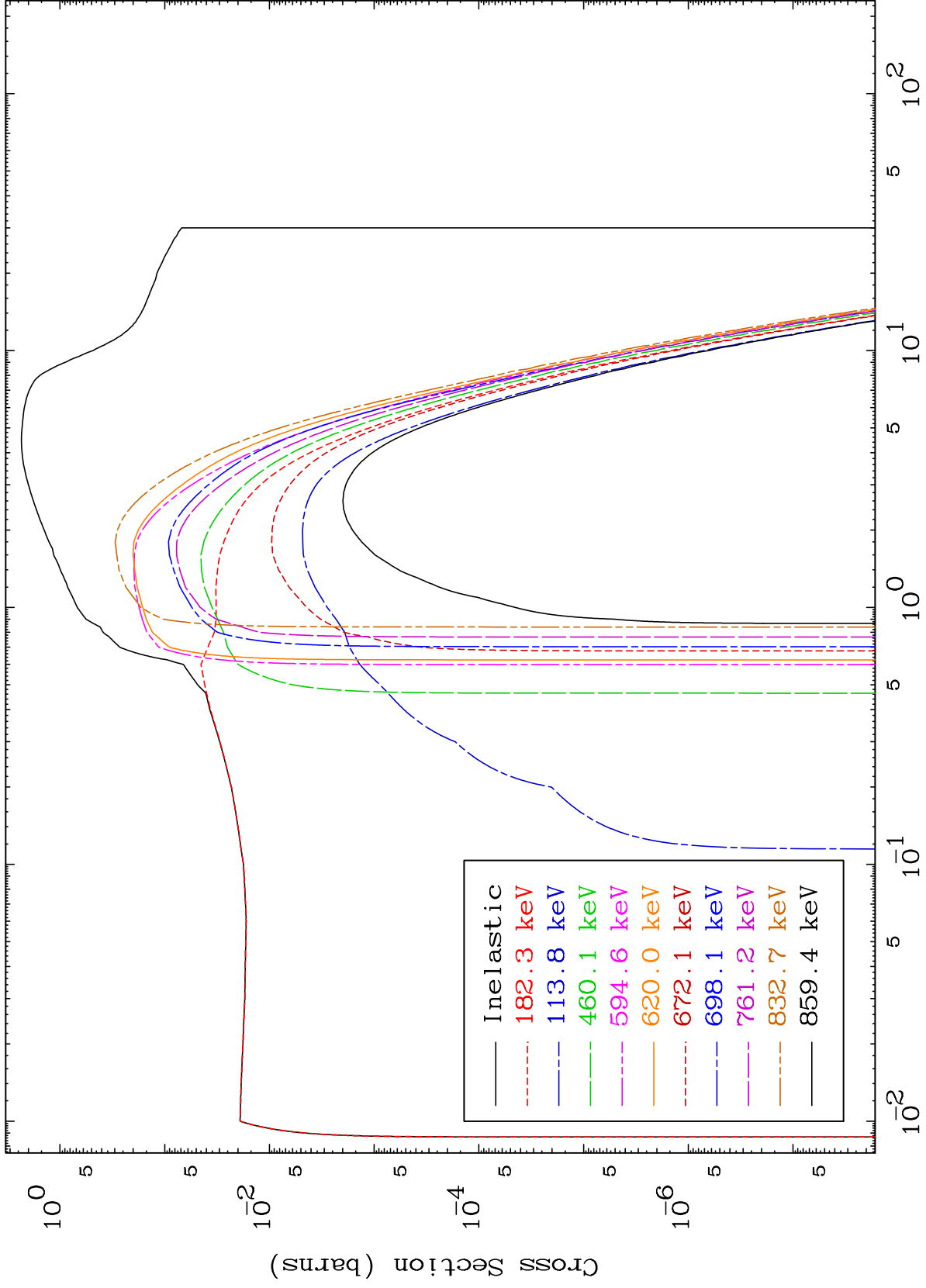
52-Te-131



MAT 5259

(n,n') Level  
293 Kelvin Cross Sections

52-Te-131



Incident Energy (MeV)

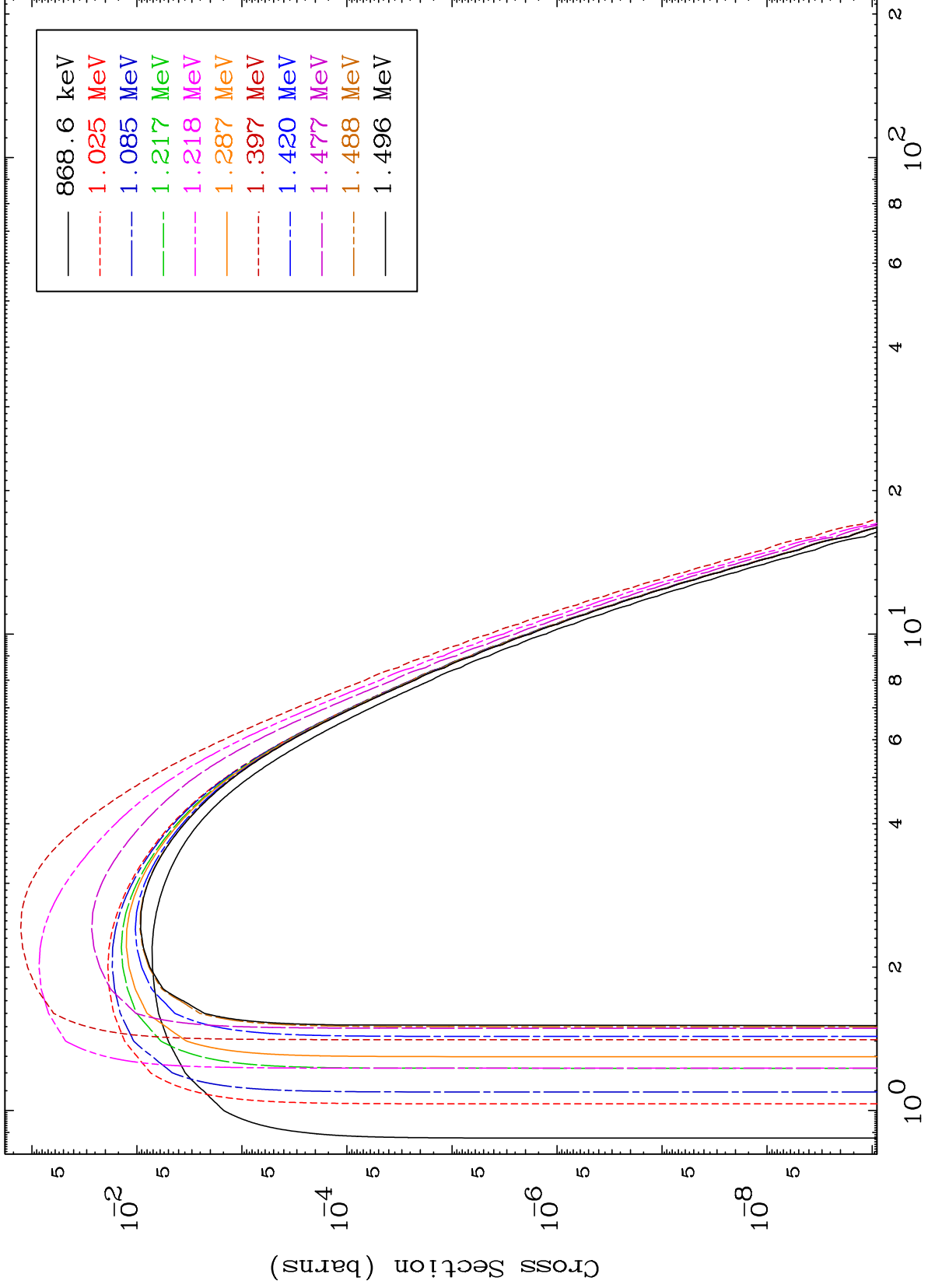
52-Te-131



MAT 5259

(n,n') Level  
293 Kelvin Cross Sections

52-Te-131



8

Incident Energy (MeV)

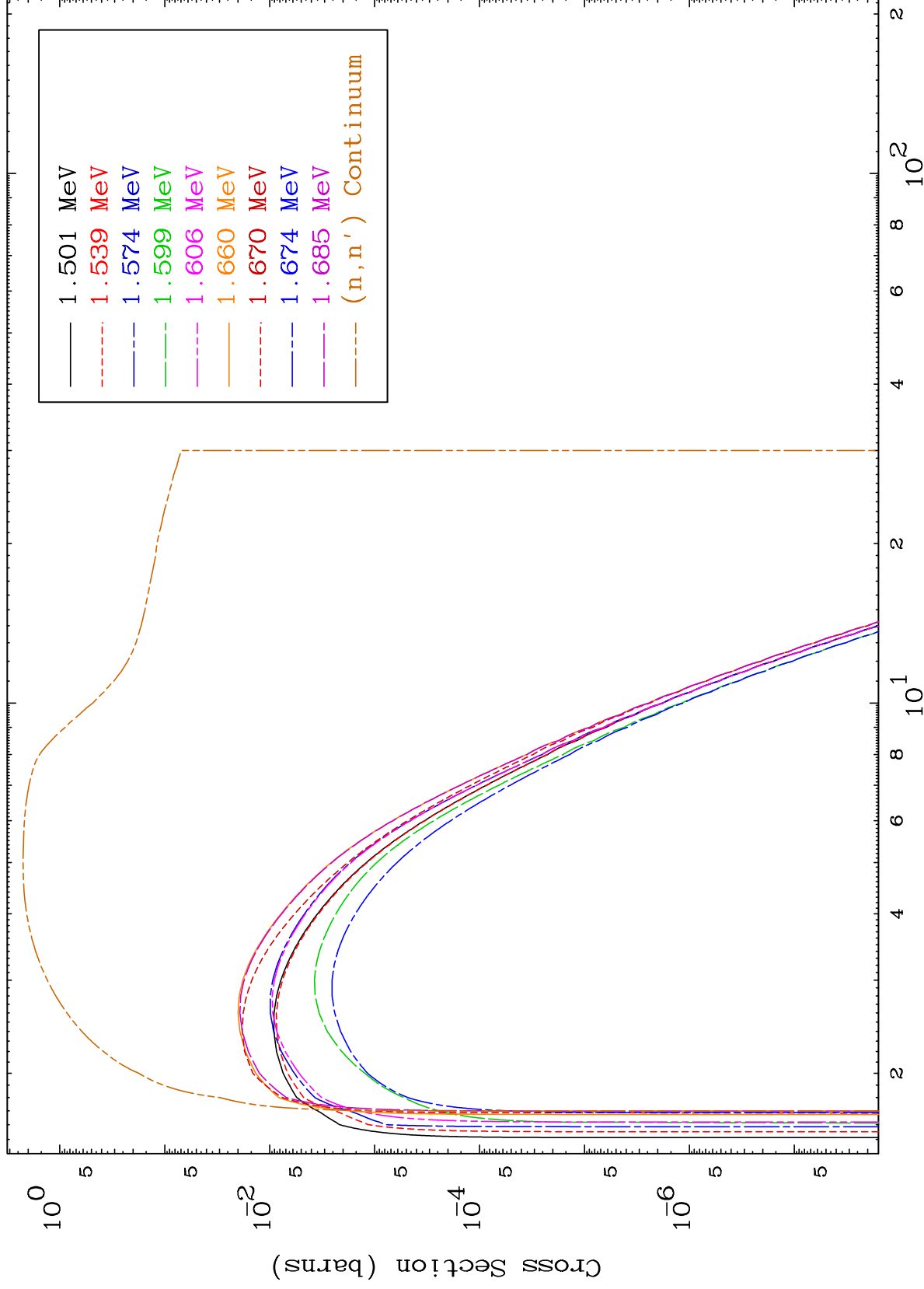
52-Te-131

MAT 5259

(n,n') Level

52-Te-131

293 Kelvin Cross Sections



9

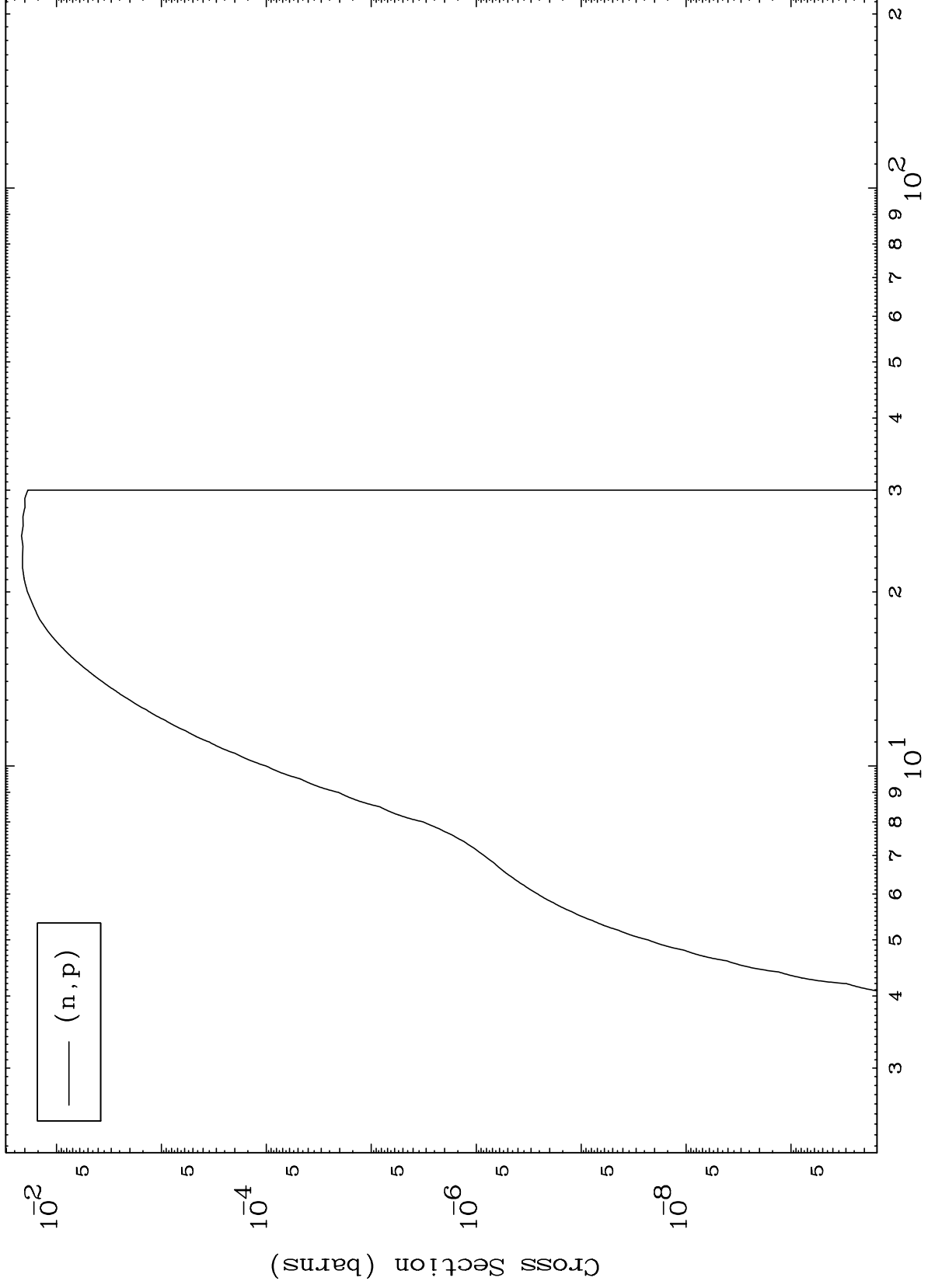
Incident Energy (MeV)

52-Te-131

MAT 5259

(n,p) Levels  
293 Kelvin Cross Sections

52-Te-131



(n,p)

10

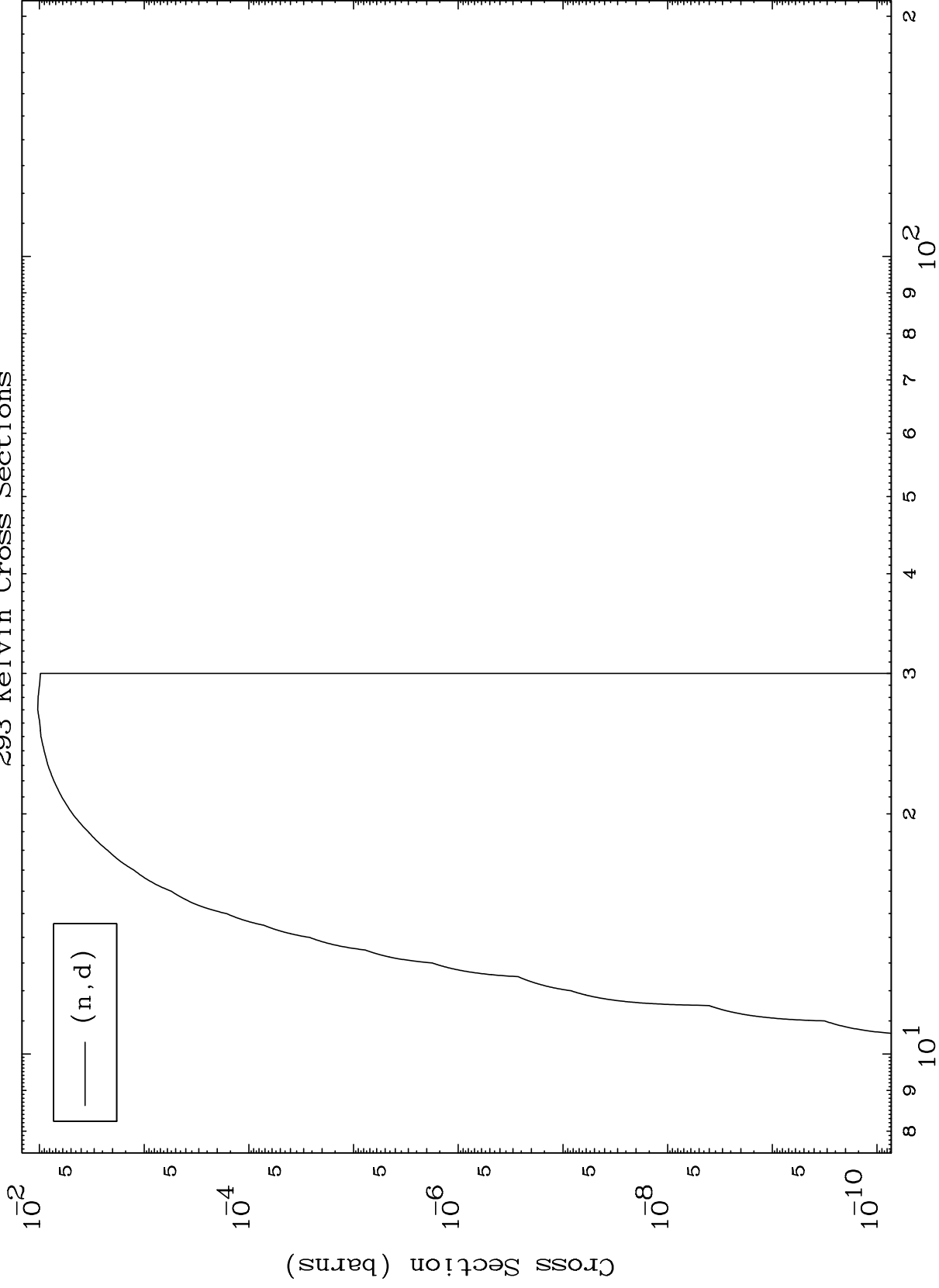
Incident Energy (MeV)

52-Te-131

MAT 5259

(n,d) Levels  
293 Kelvin Cross Sections

52-Te-131



11

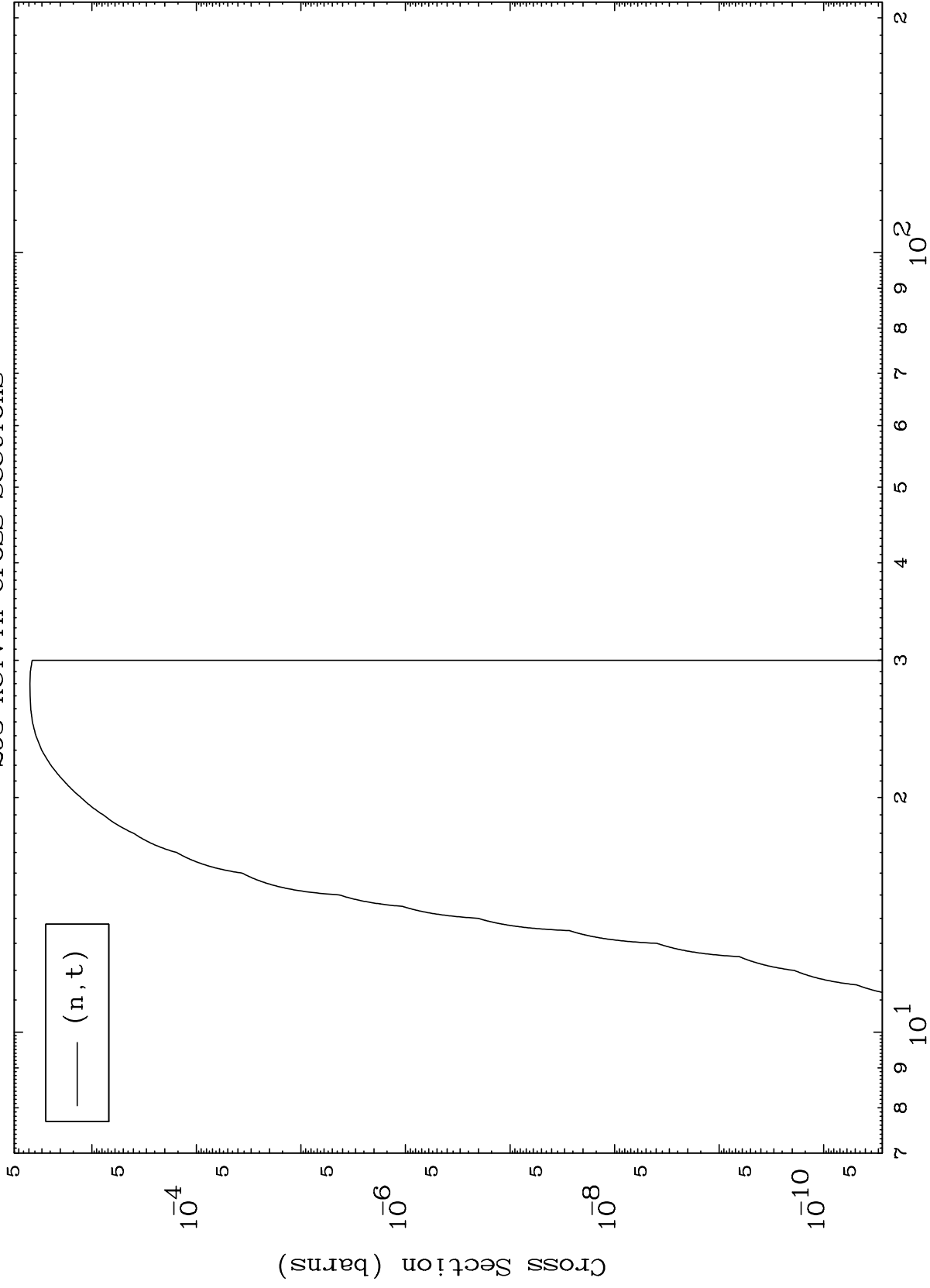
Incident Energy (MeV)

52-Te-131

MAT 5259

(n,t) Levels  
293 Kelvin Cross Sections

52-Te-131



12

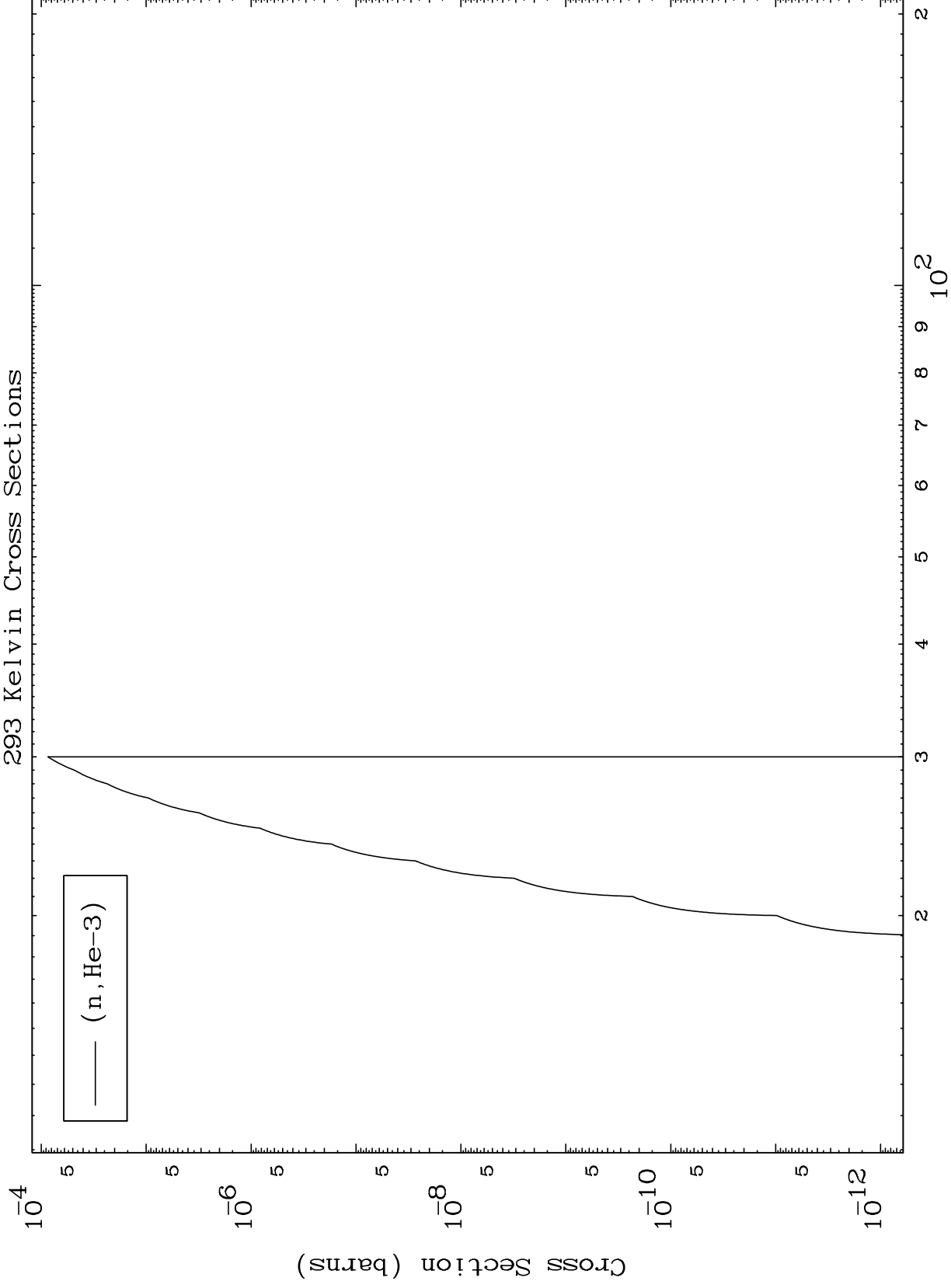
Incident Energy (MeV)

52-Te-131

MAT 5259

(n,He3) Levels  
293 Kelvin Cross Sections

52-Te-131



13

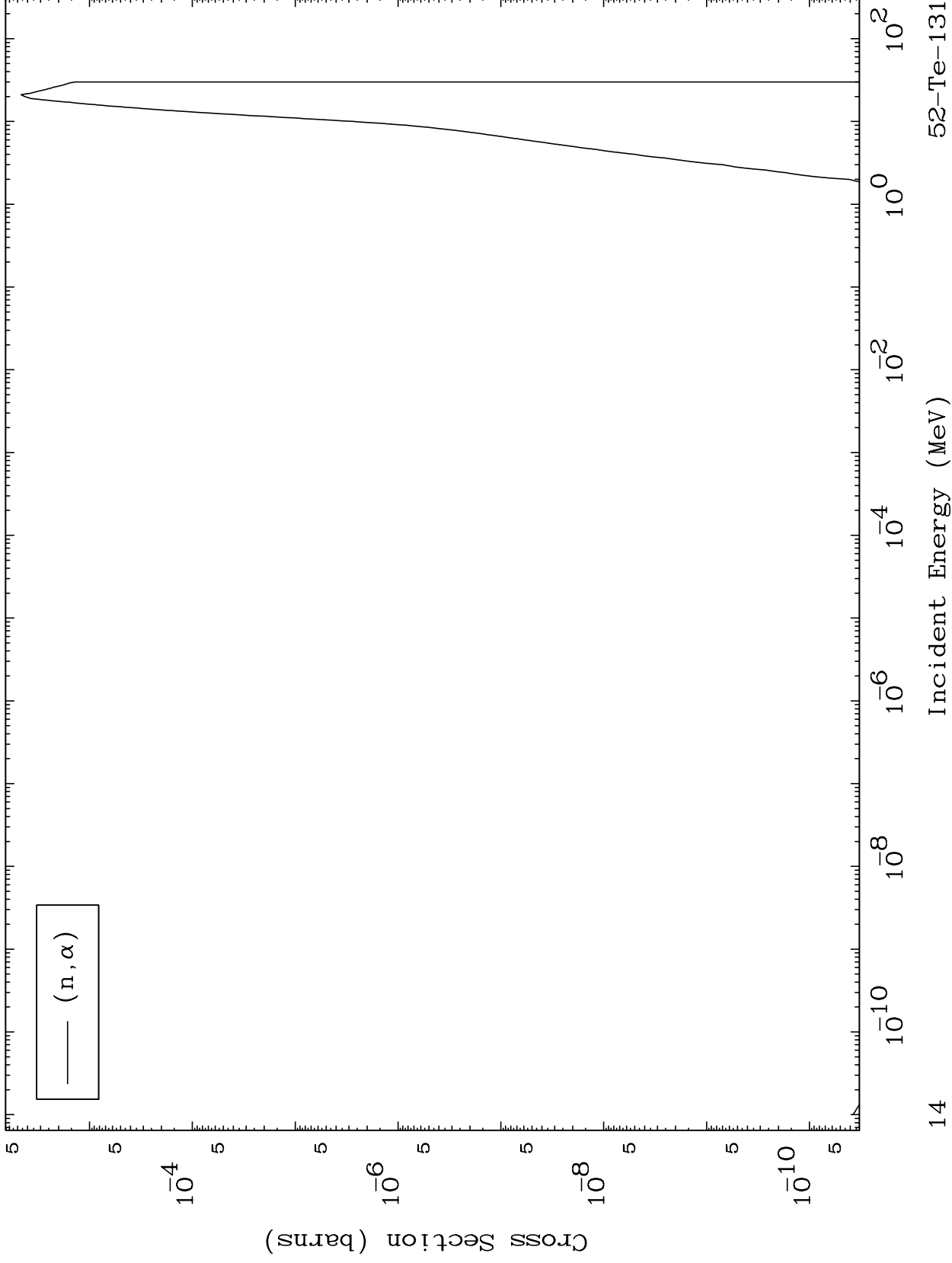
Incident Energy (MeV)

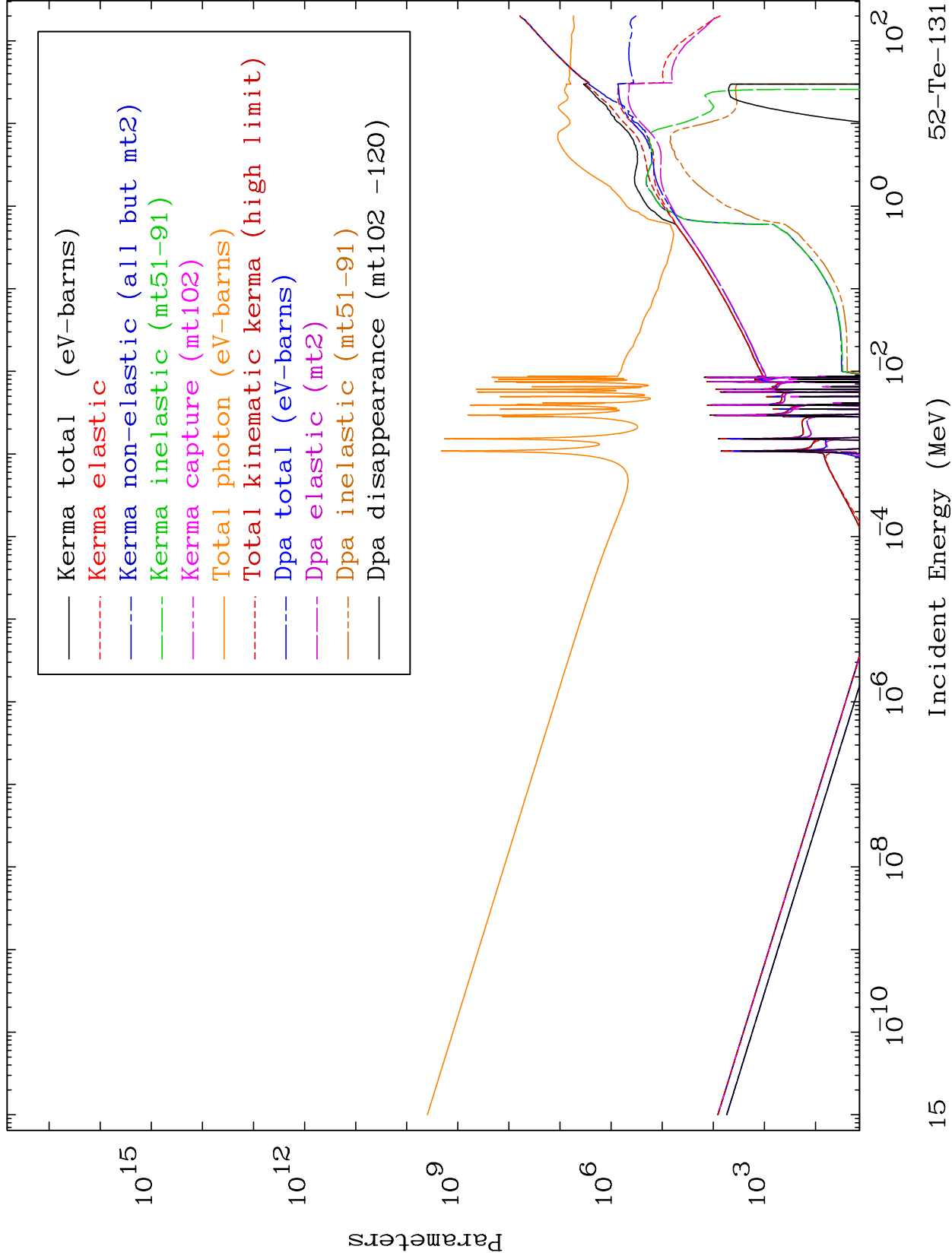
52-Te-131

MAT 5259

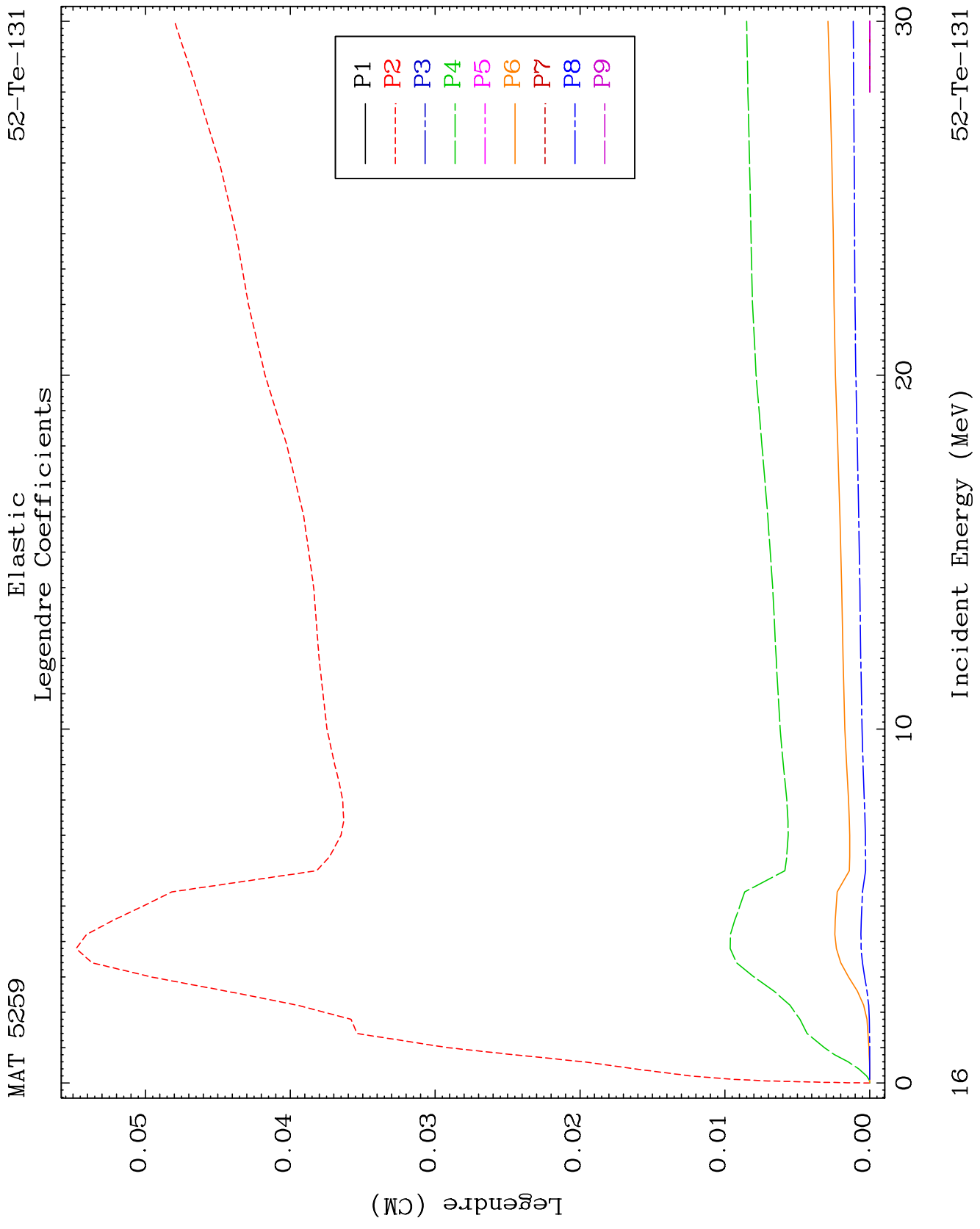
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

52-Te-131





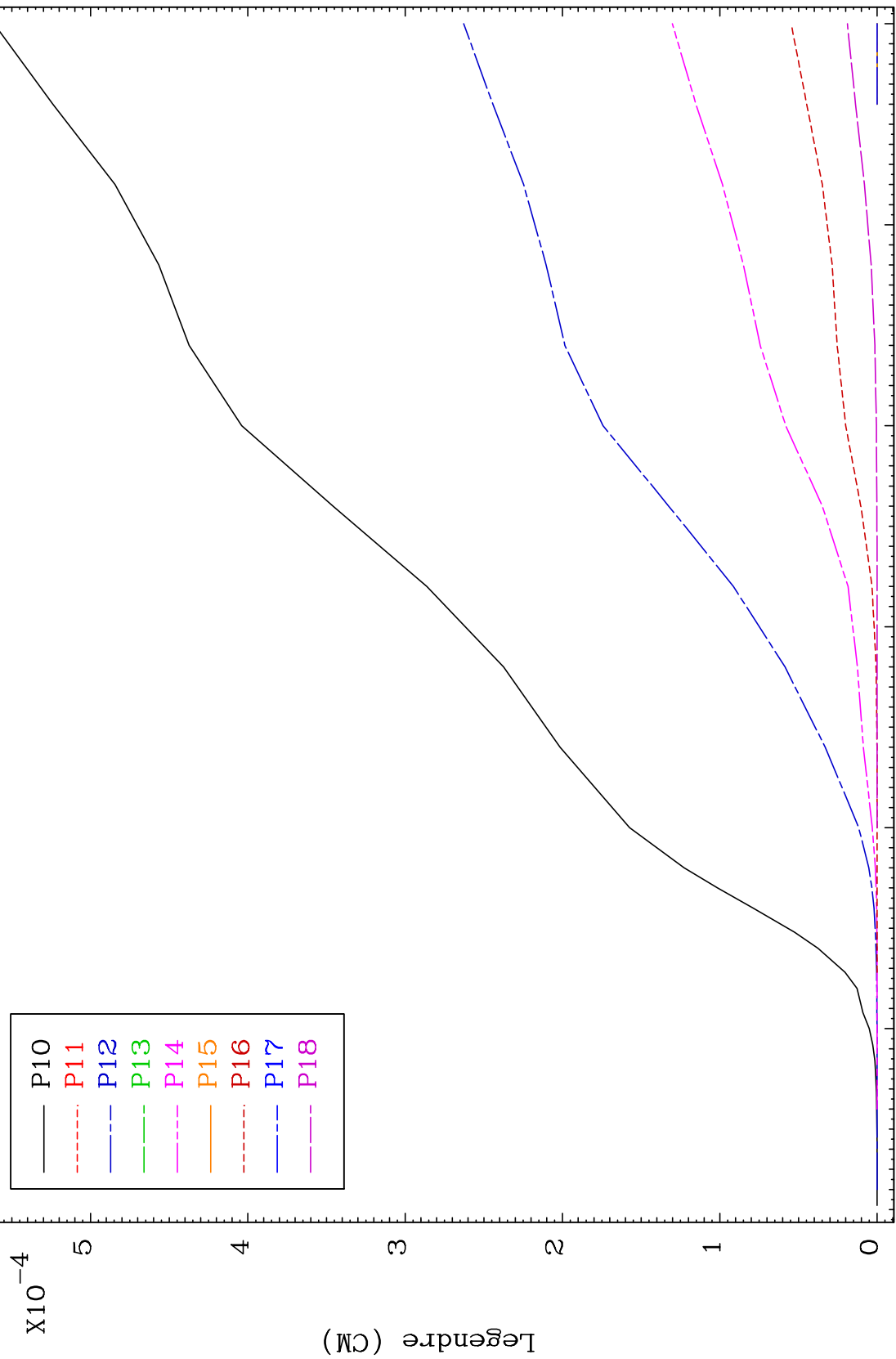
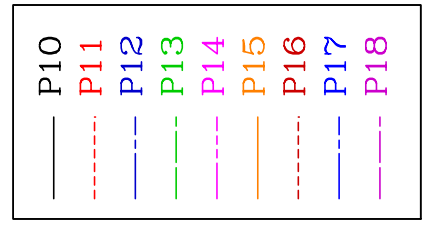




MAT 5259

Elastic Legendre Coefficients

52-Te-131



17

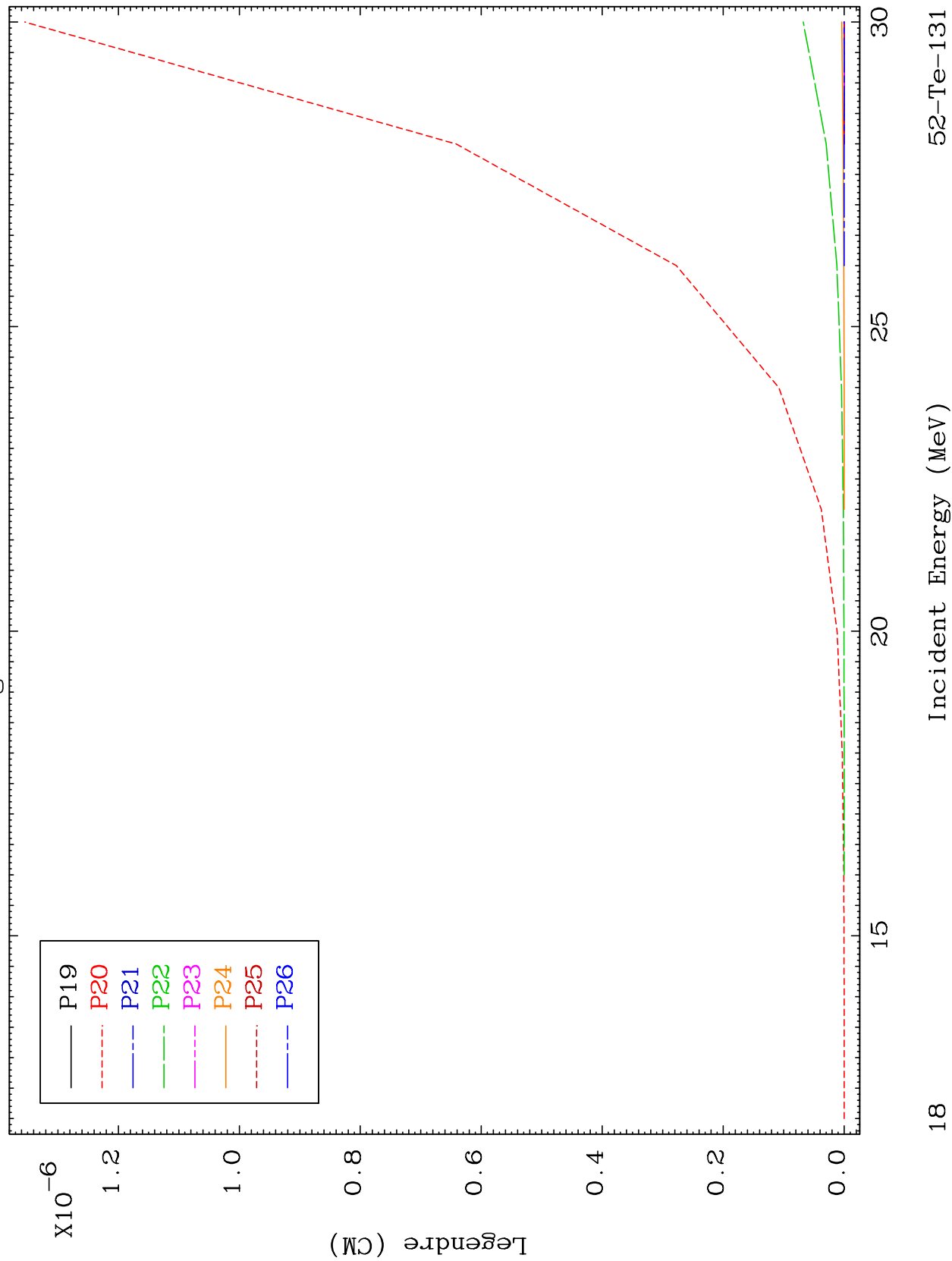
52-Te-131

Incident Energy (MeV)

MAT 5259

### Elastic Legendre Coefficients

52-Te-131



18

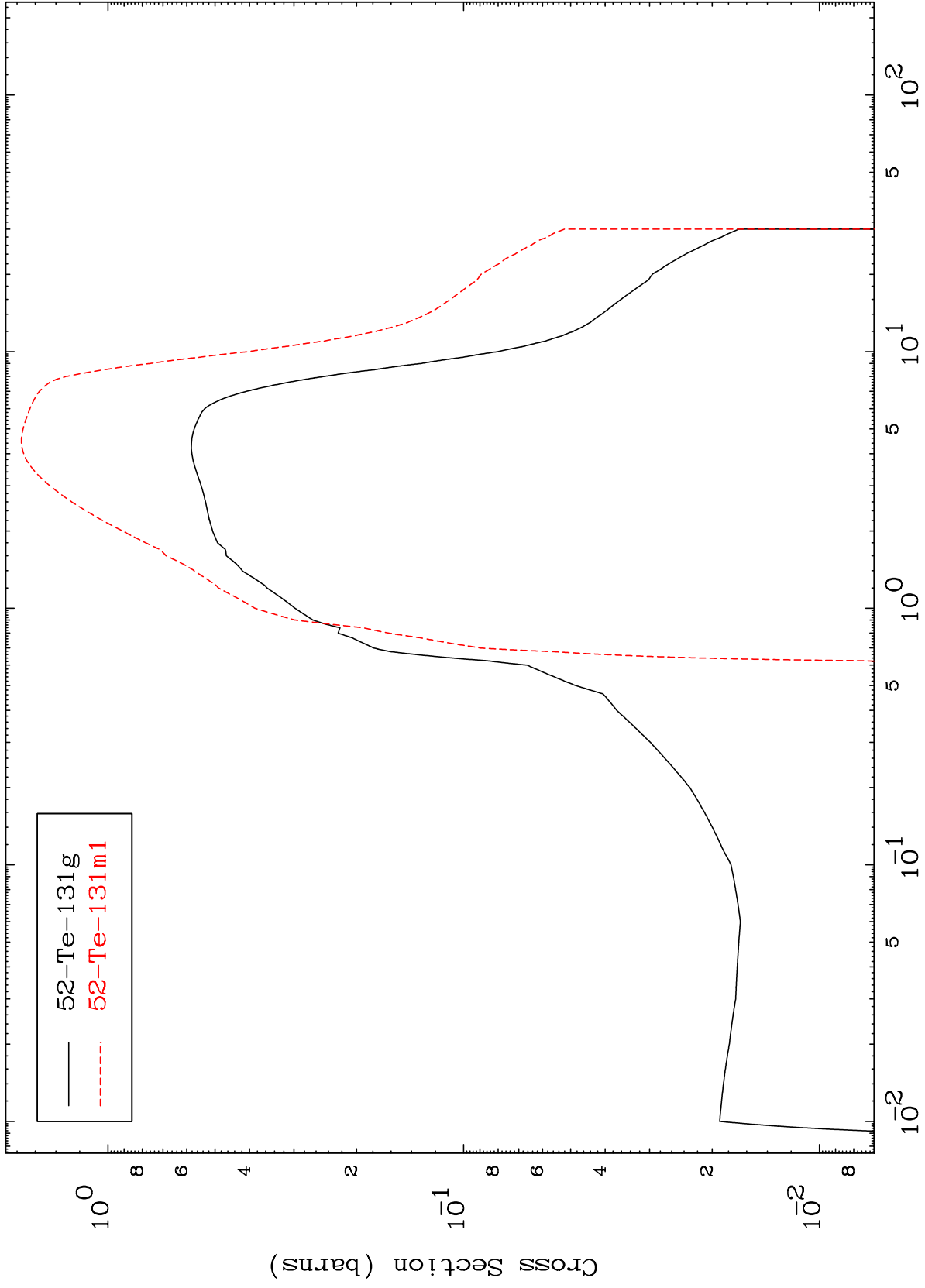
Incident Energy (MeV)

52-Te-131

MAT 5259

52-Te-131

Inelastic  
Radionuclide Production Cross Section



52-Te-131

Incident Energy (MeV)

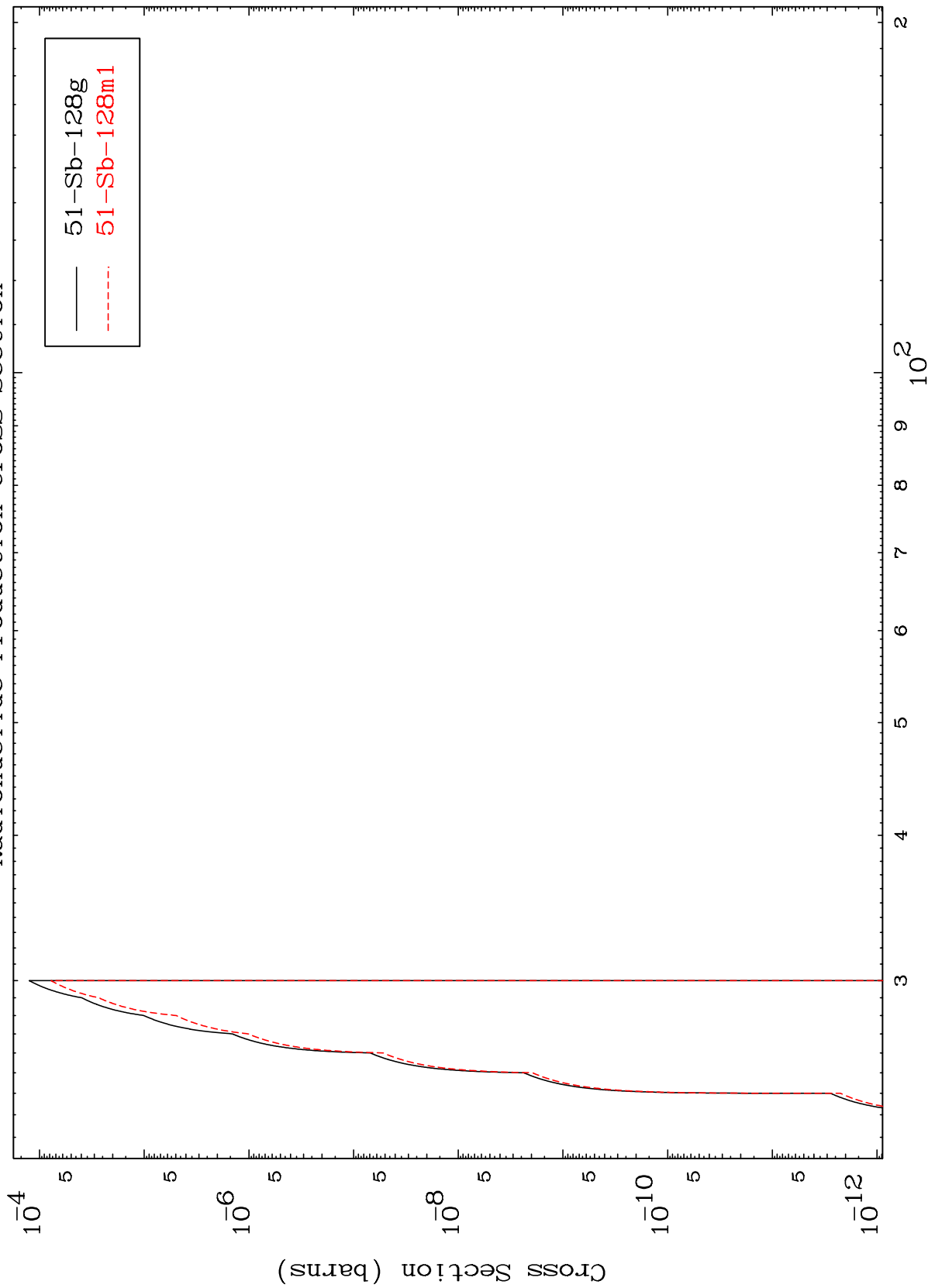
19

MAT 5259

(n,2n) d

52-Te-131

Radionuclide Production Cross Section



20

Incident Energy (MeV)

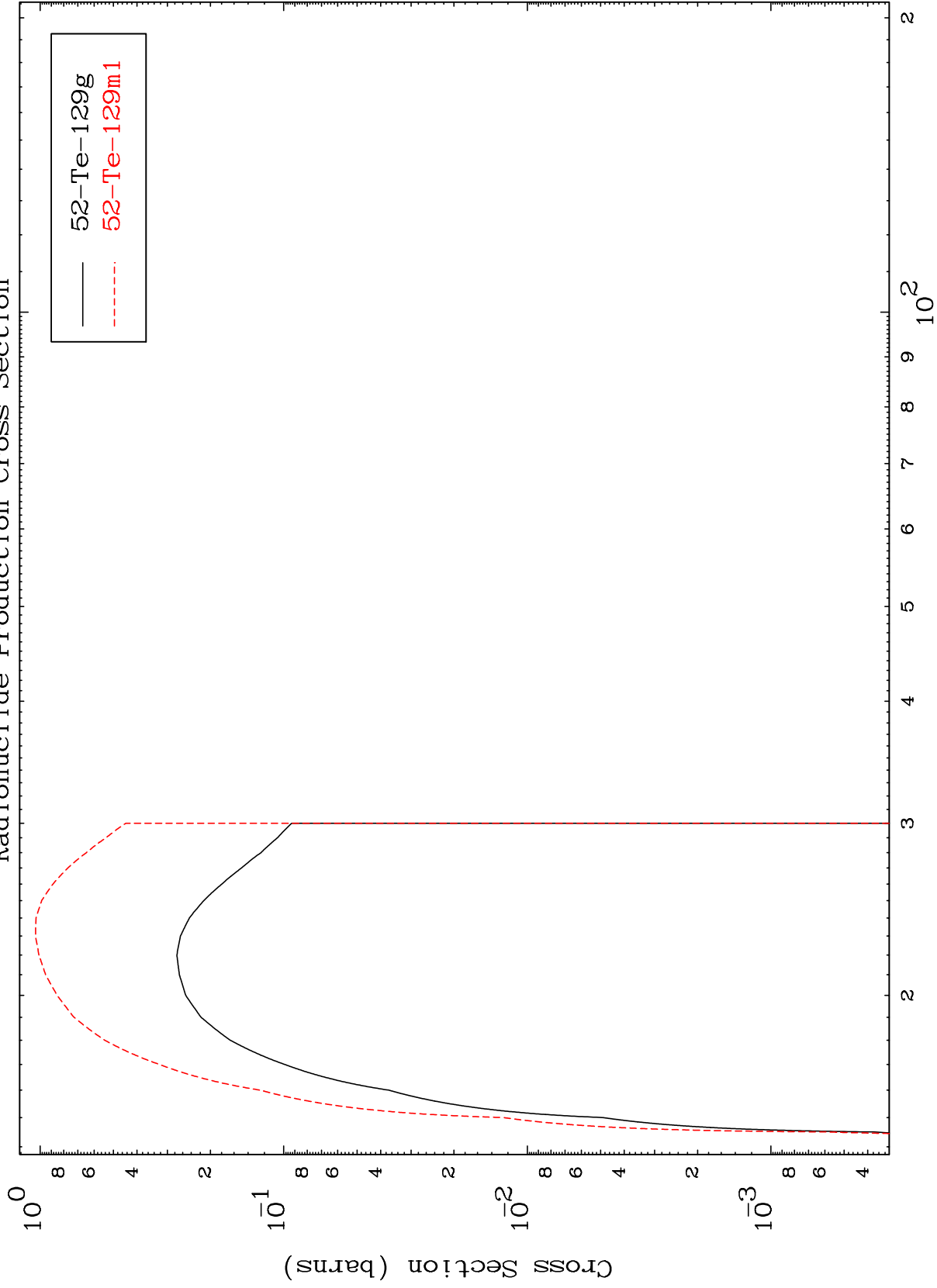
52-Te-131

MAT 5259

(n,3n)

52-Te-131

Radionuclide Production Cross Section



21

Incident Energy (MeV)

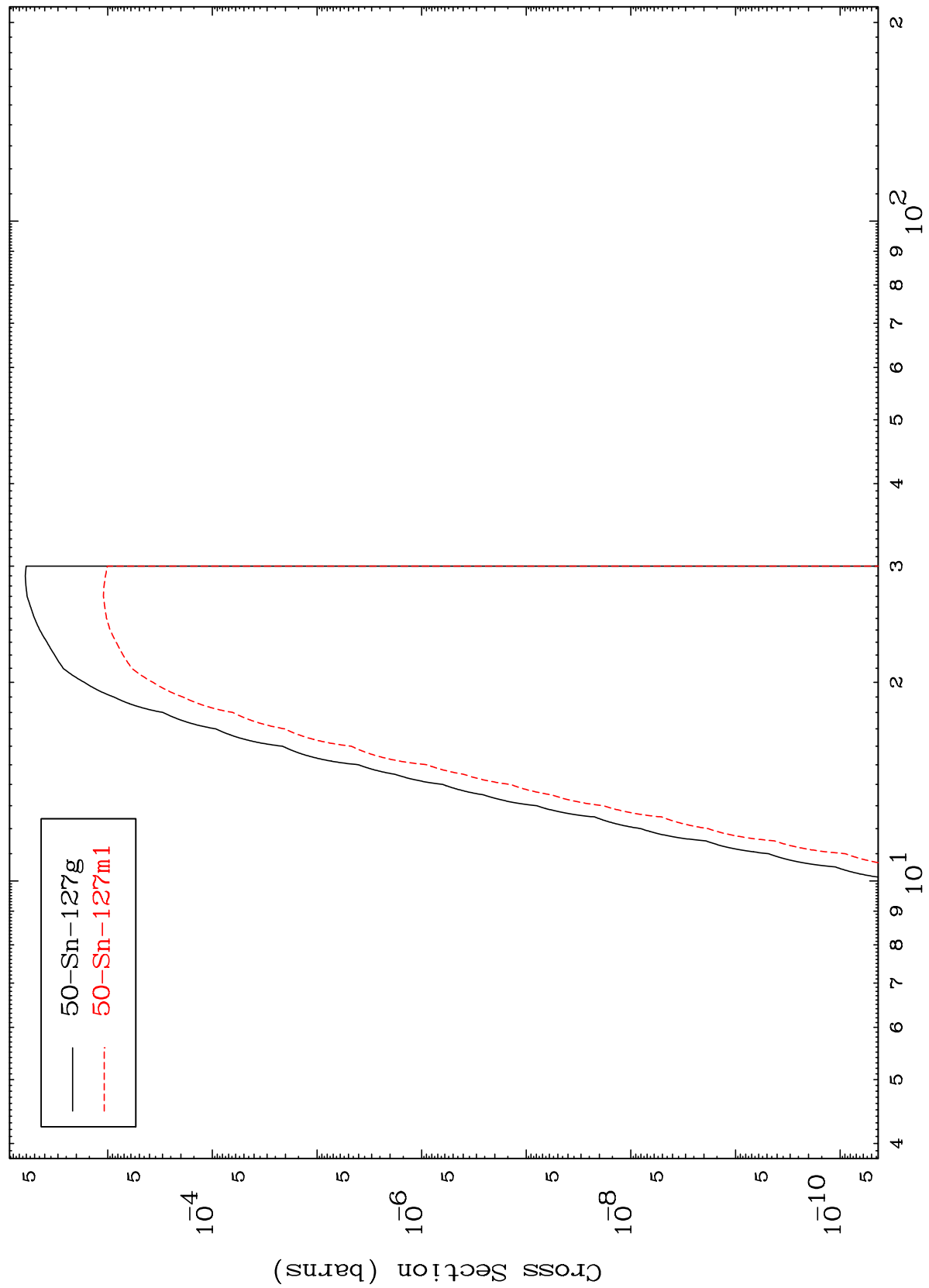
52-Te-131

MAT 5259

52-Te-131

(n,n')  $\alpha$

Radionuclide Production Cross Section



22

Incident Energy (MeV)

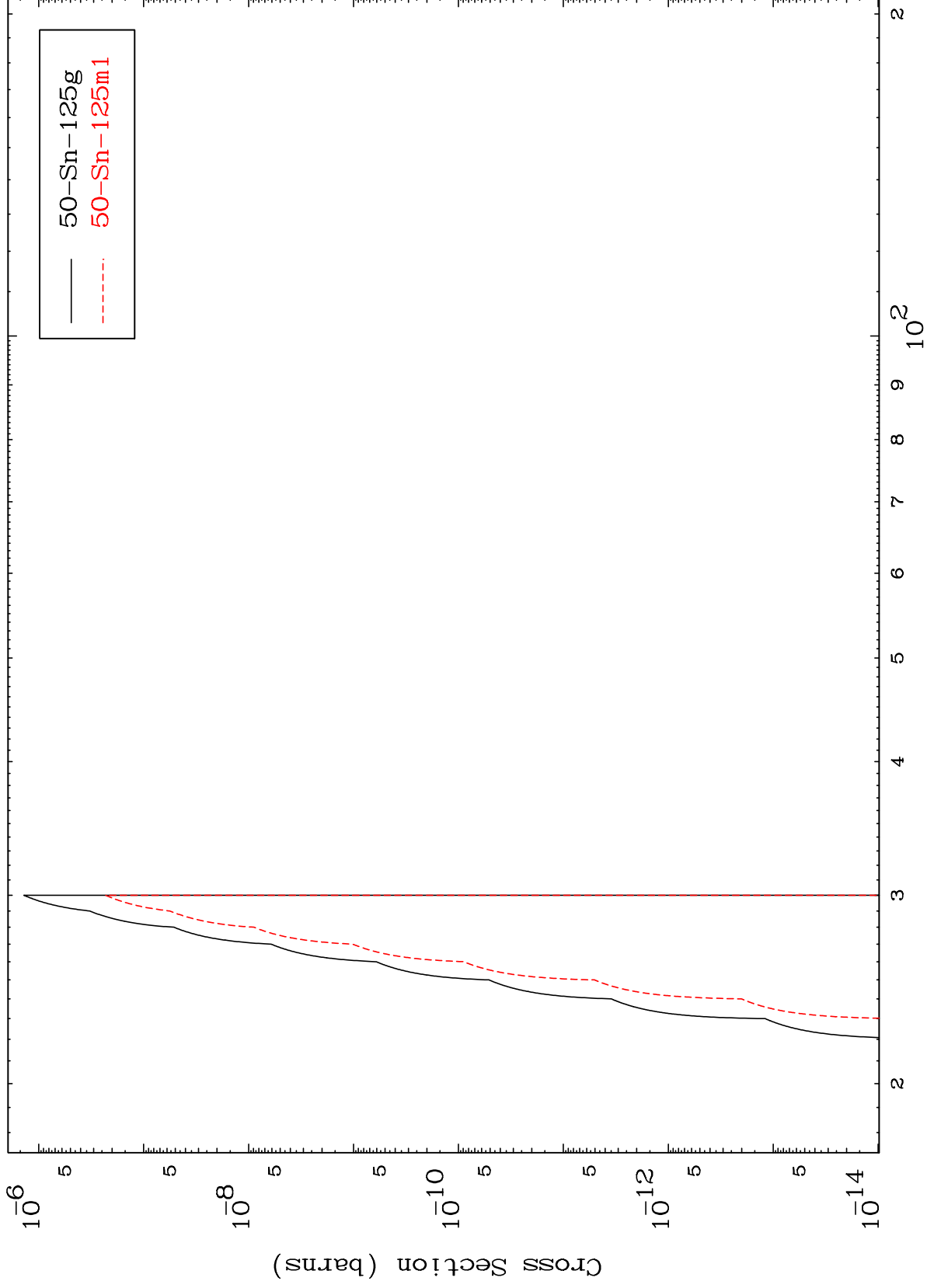
52-Te-131

MAT 5259

(n,3n)  $\alpha$

52-Te-131

Radionuclide Production Cross Section



23

Incident Energy (MeV)

52-Te-131

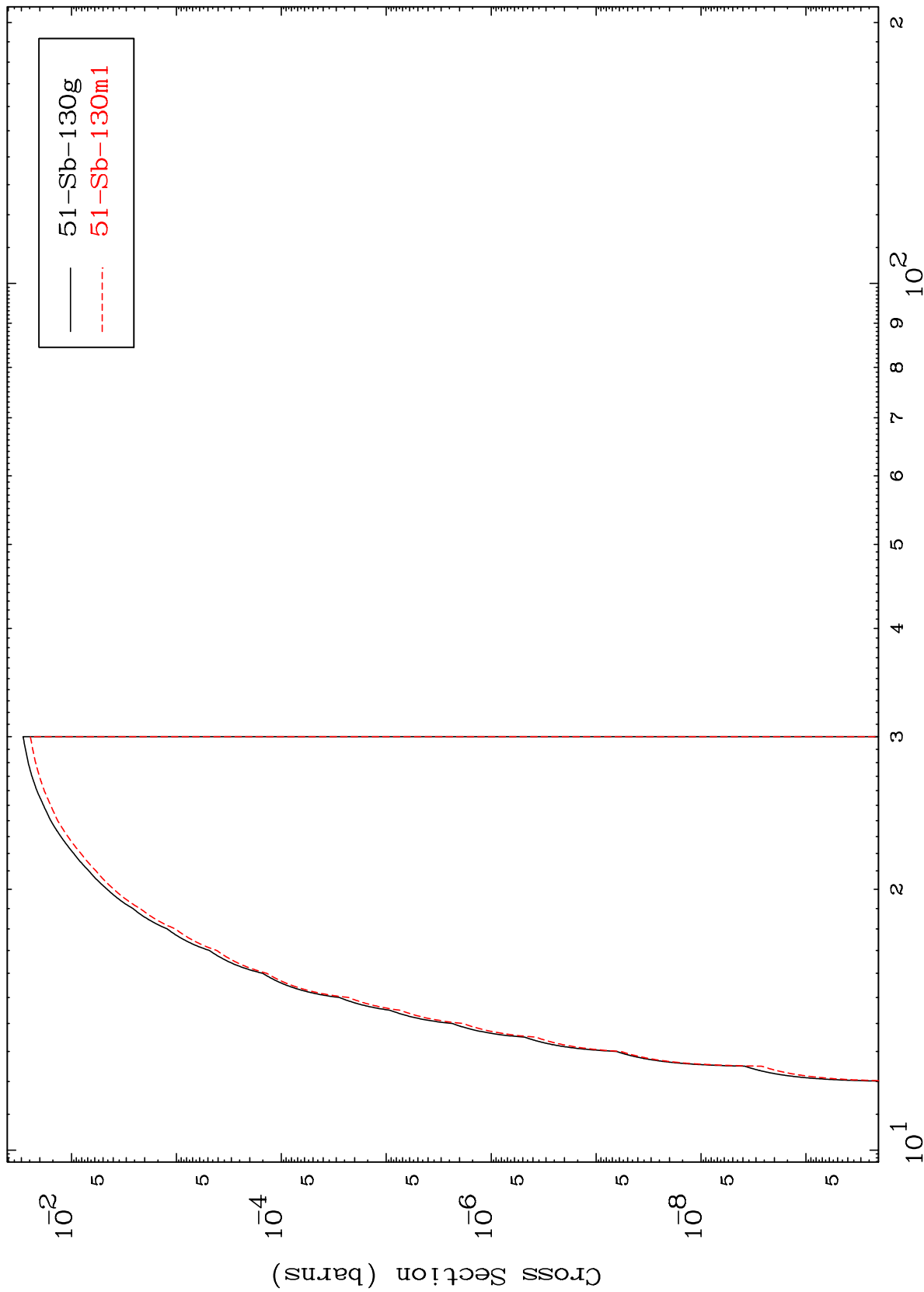


MAT 5259

(n,n') p

52-Te-131

Radionuclide Production Cross Section



Incident Energy (MeV)

52-Te-131

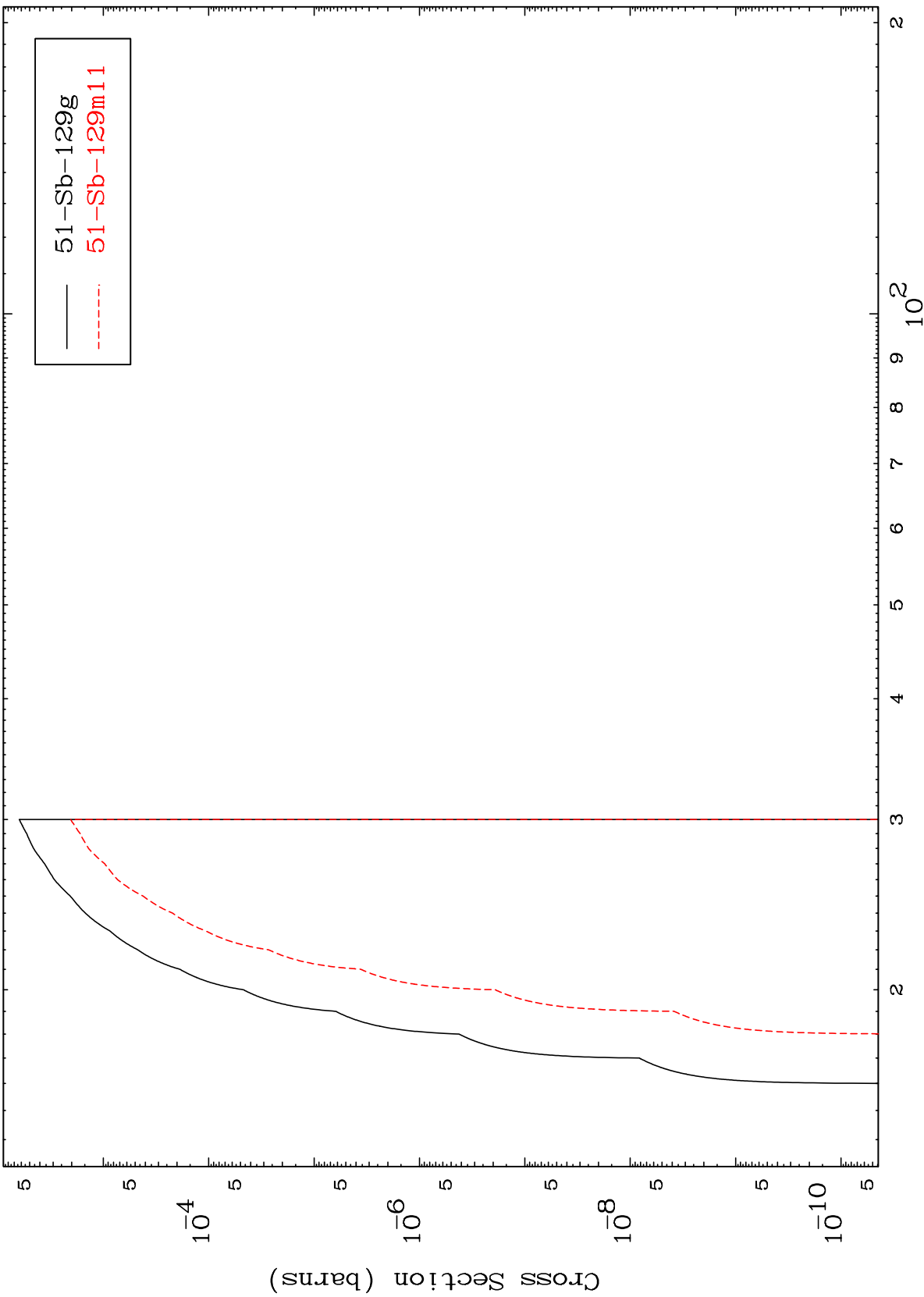
24

MAT 5259

(n,n') d

52-Te-131

Radionuclide Production Cross Section

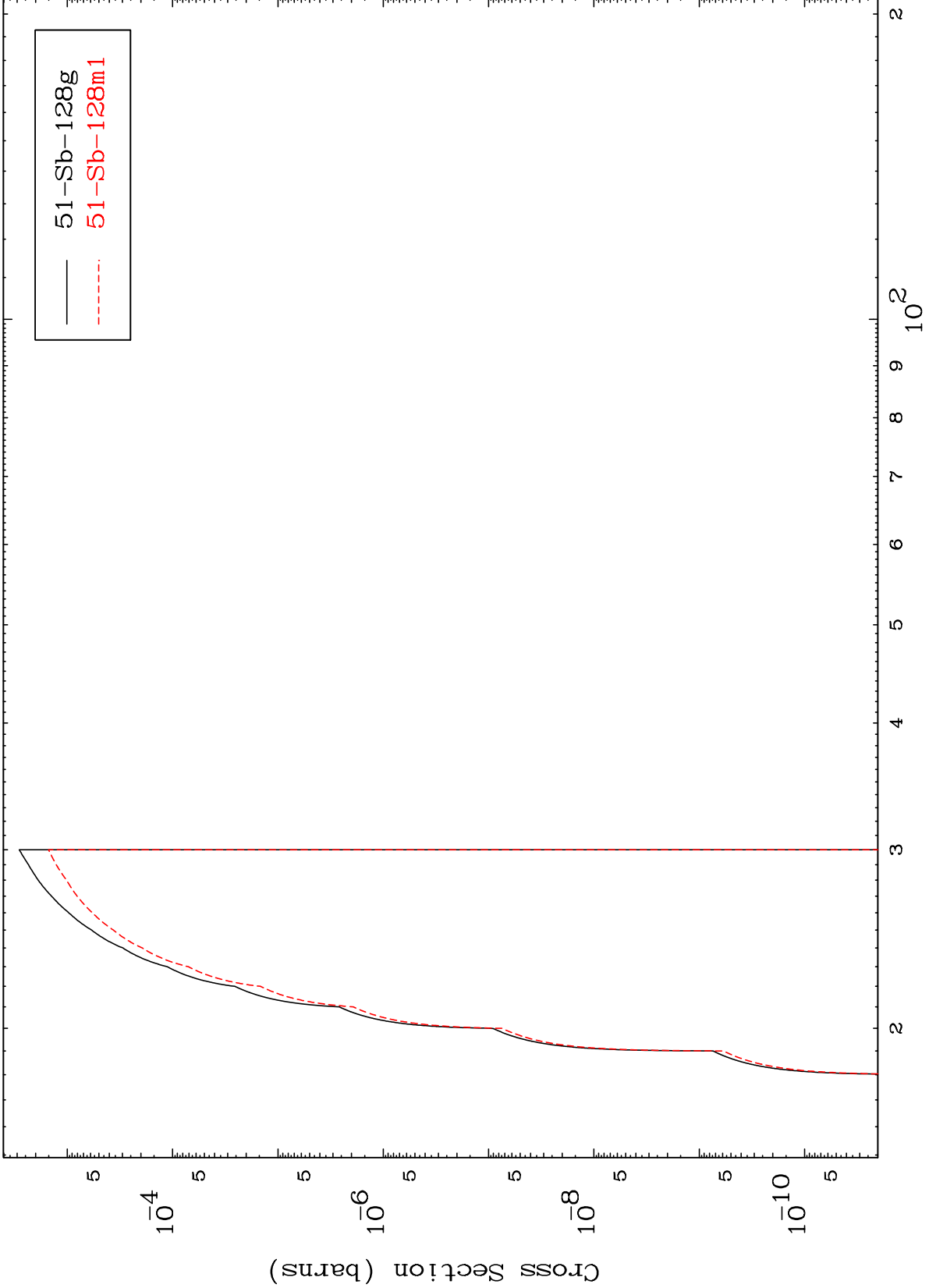


25

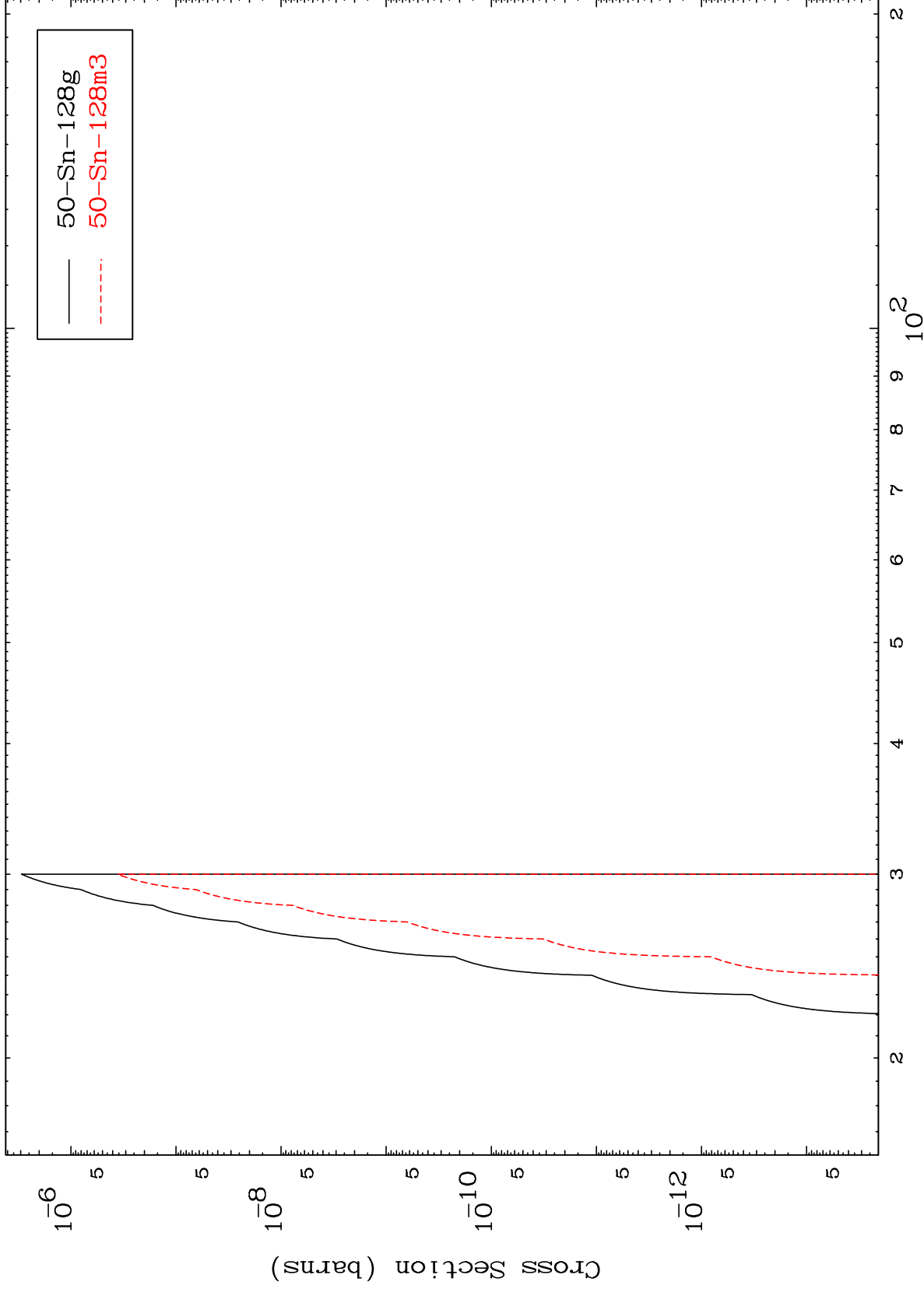
Incident Energy (MeV)

52-Te-131

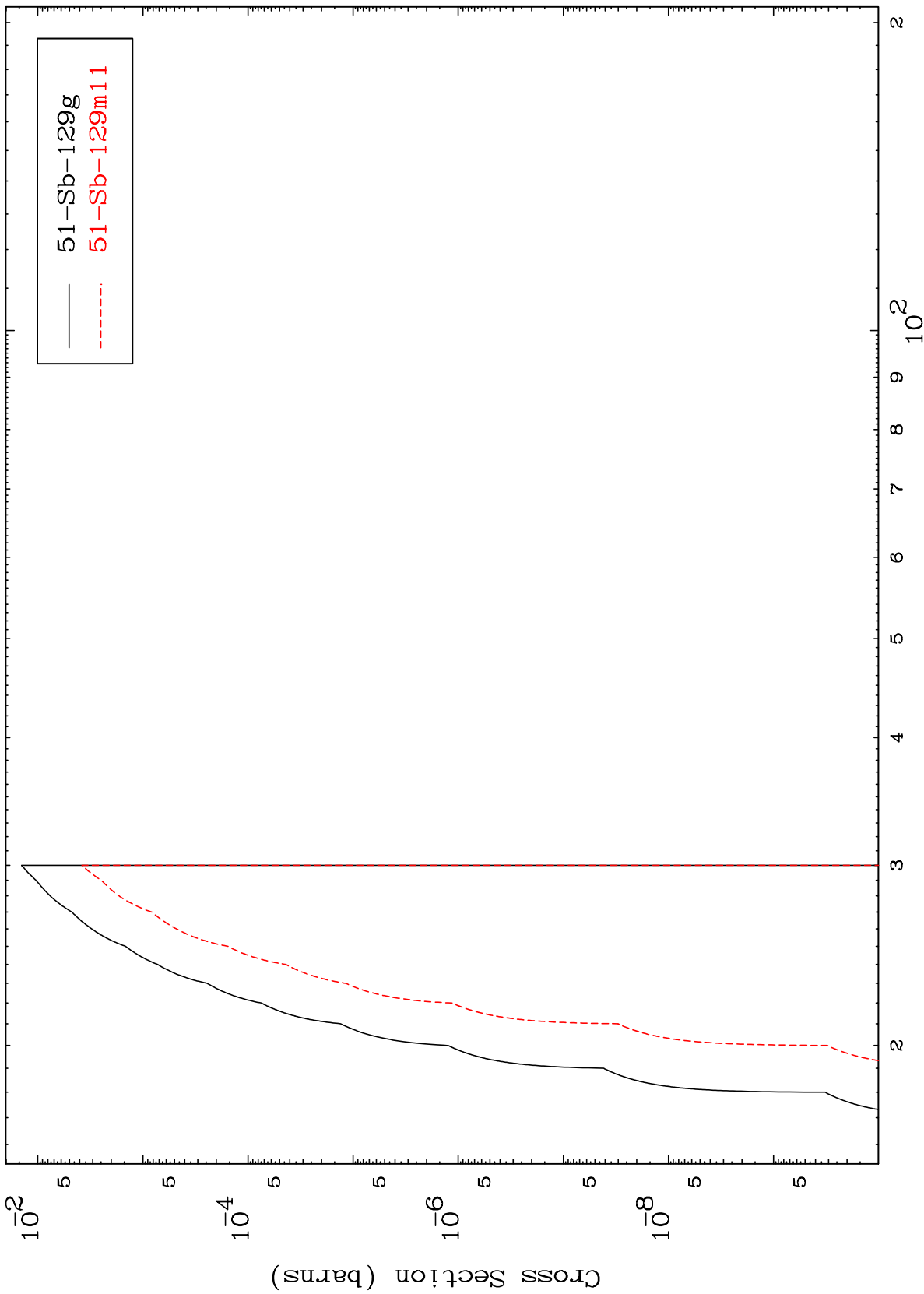
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section



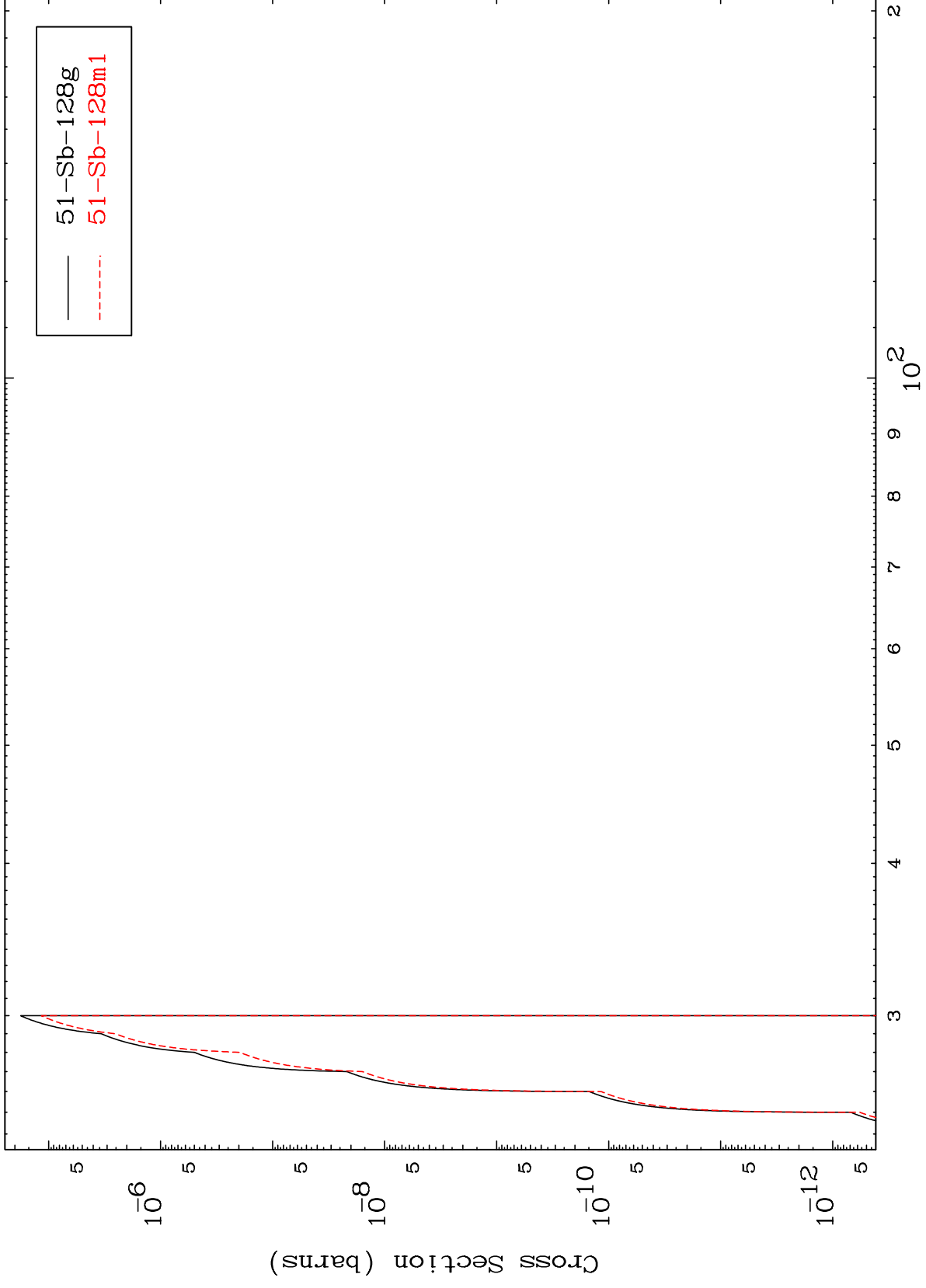
51-Sb-129g  
51-Sb-129m1

MAT 5259

(n,3n) p

52-Te-131

Radionuclide Production Cross Section



29

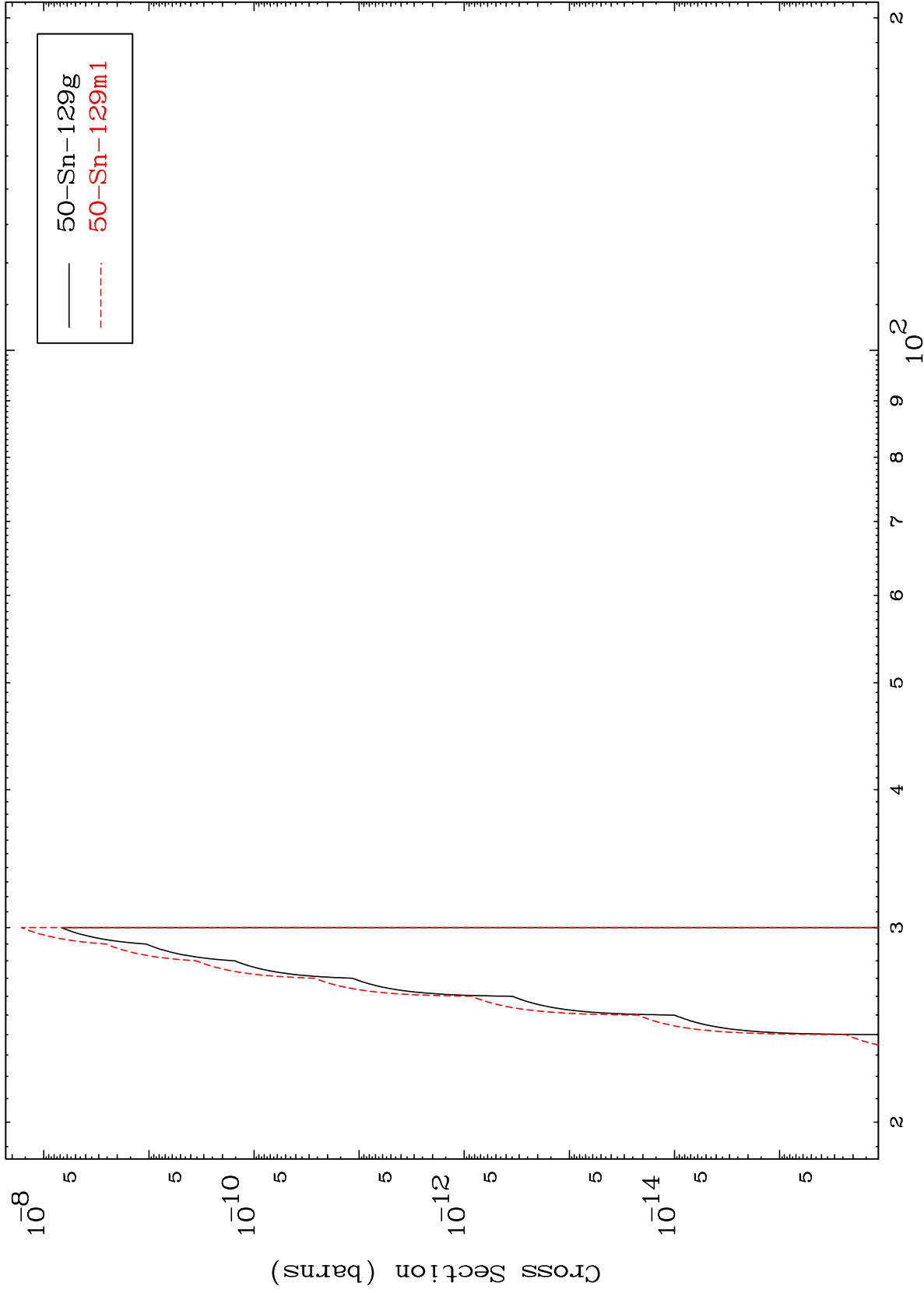
Incident Energy (MeV)

52-Te-131

MAT 5259

52-Te-131

(n,2n) p  
Radionuclide Production Cross Section



52-Te-131

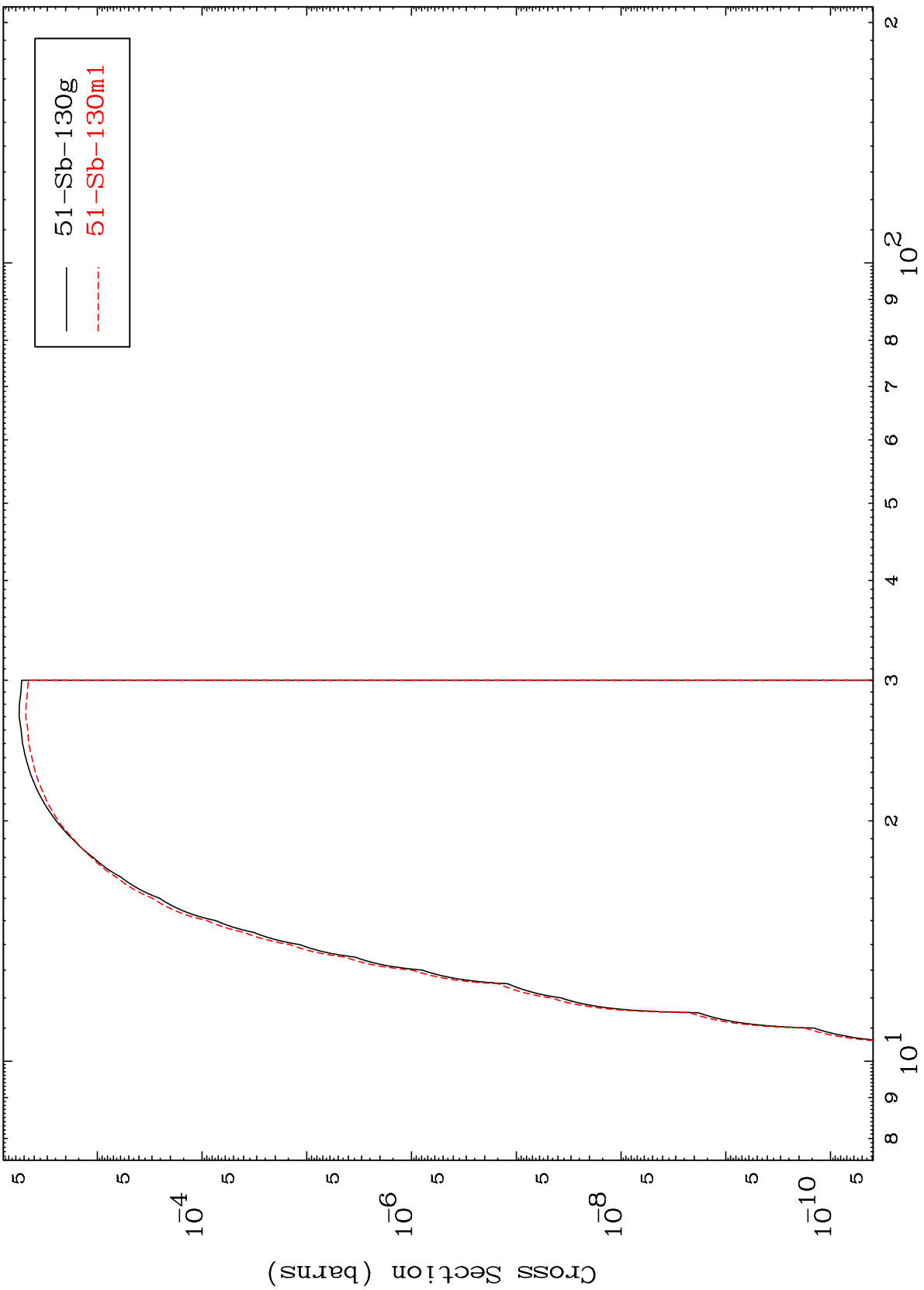
Incident Energy (MeV)

30

MAT 5259

52-Te-131

(n,d)  
Radionuclide Production Cross Section



31

Incident Energy (MeV)

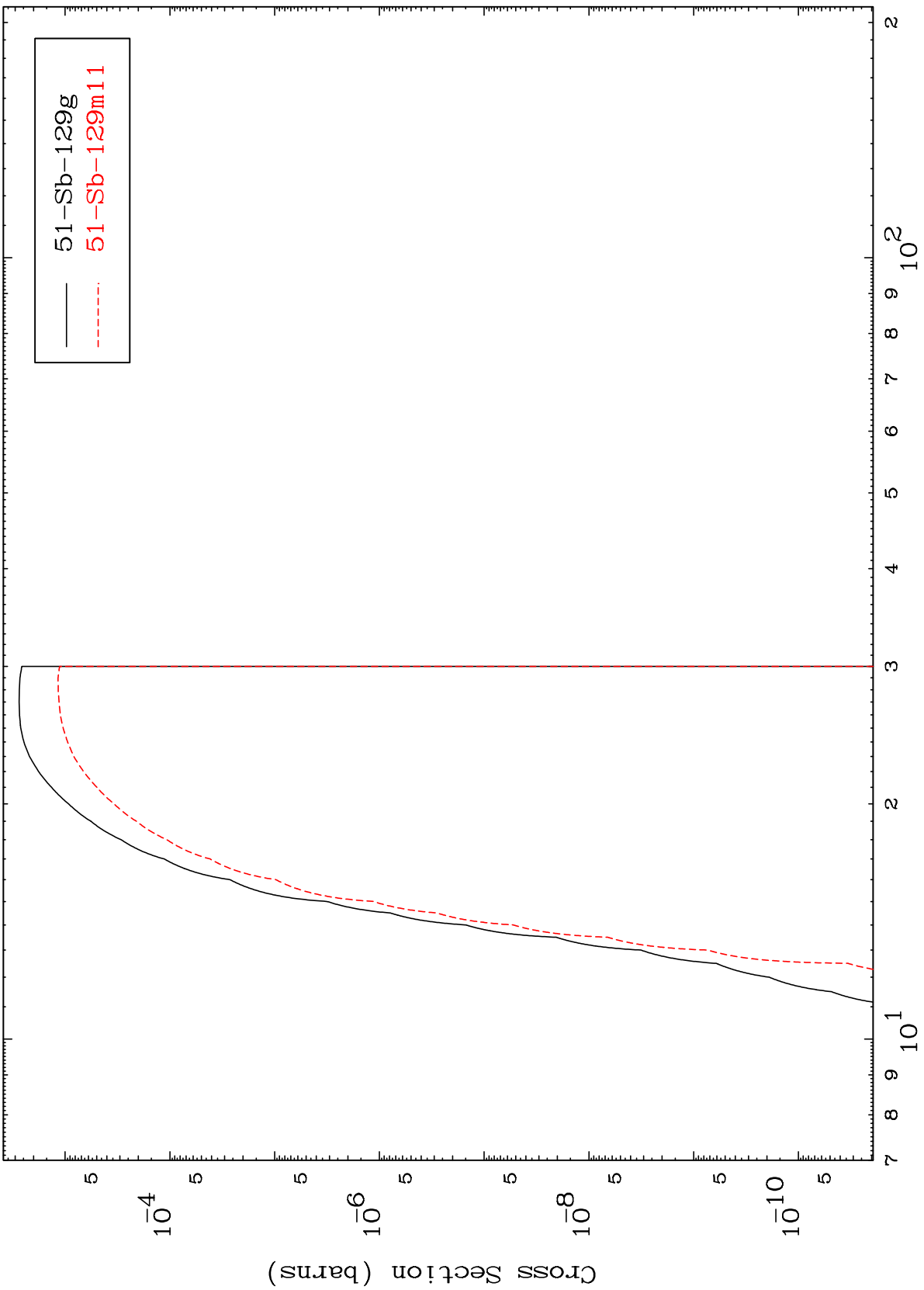
52-Te-131



MAT 5259

52-Te-131

(n, t)  
Radionuclide Production Cross Section



32

Incident Energy (MeV)

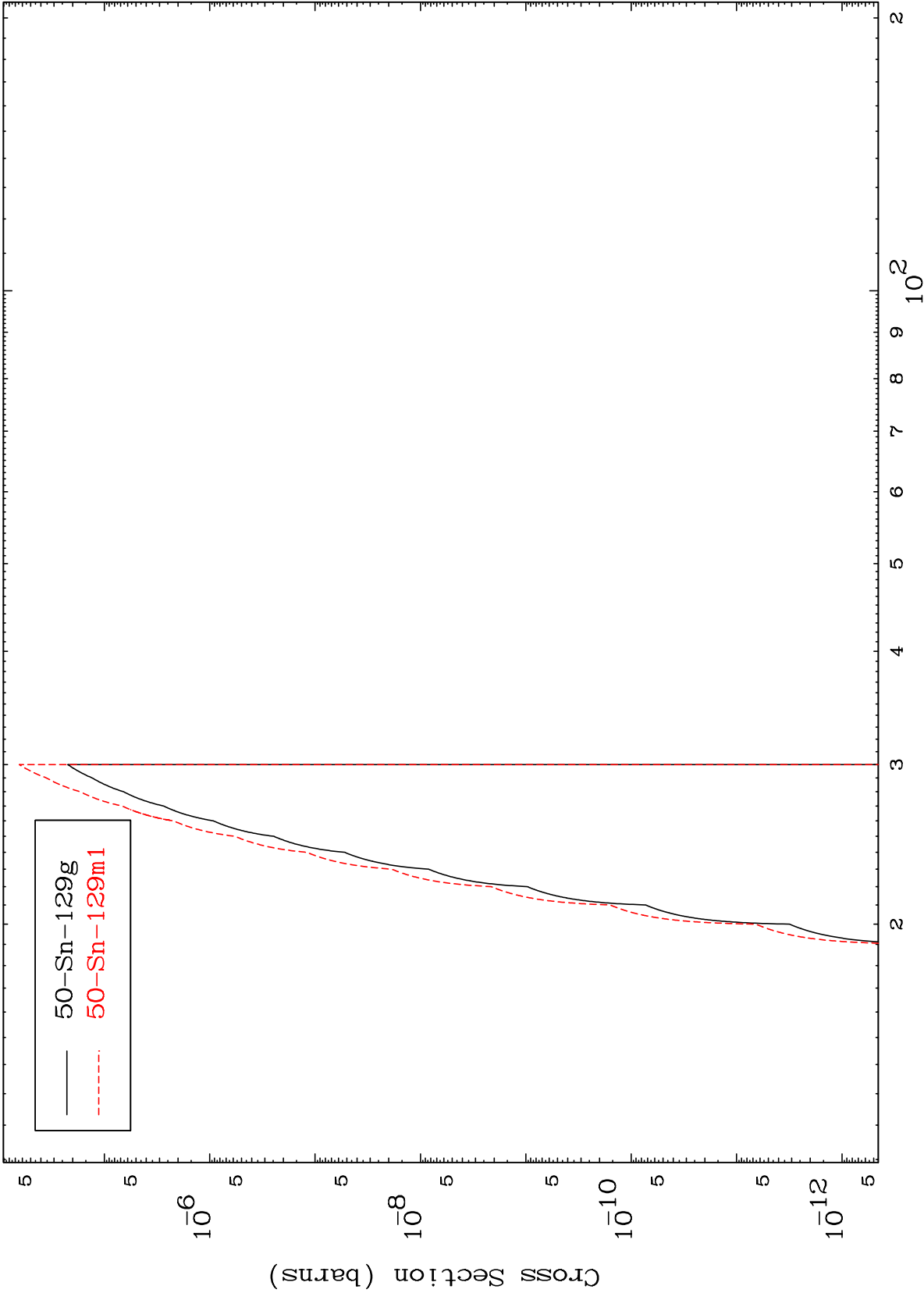
52-Te-131

MAT 5259

(n,He-3)

52-Te-131

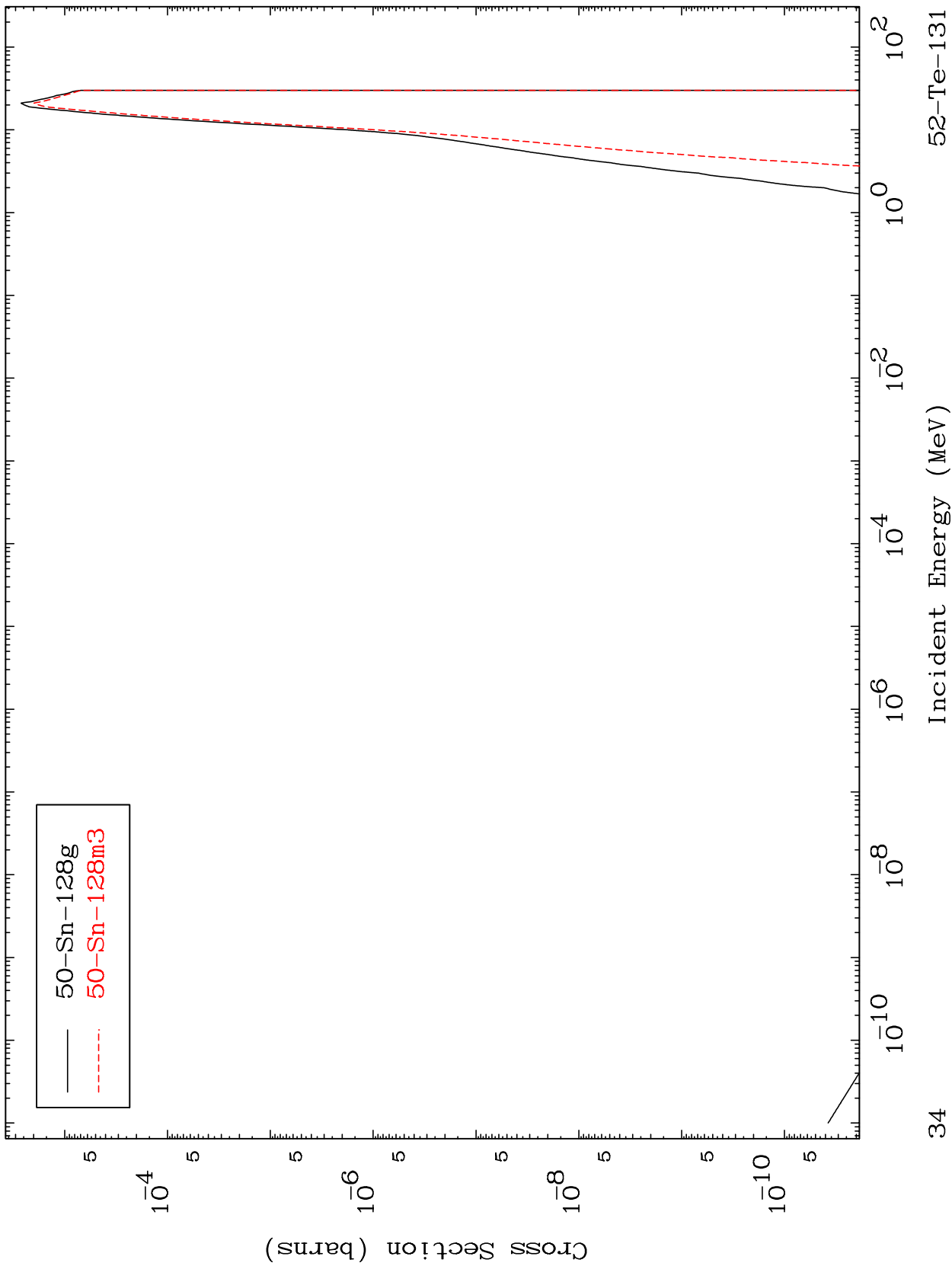
Radionuclide Production Cross Section



MAT 5259

52-Te-131

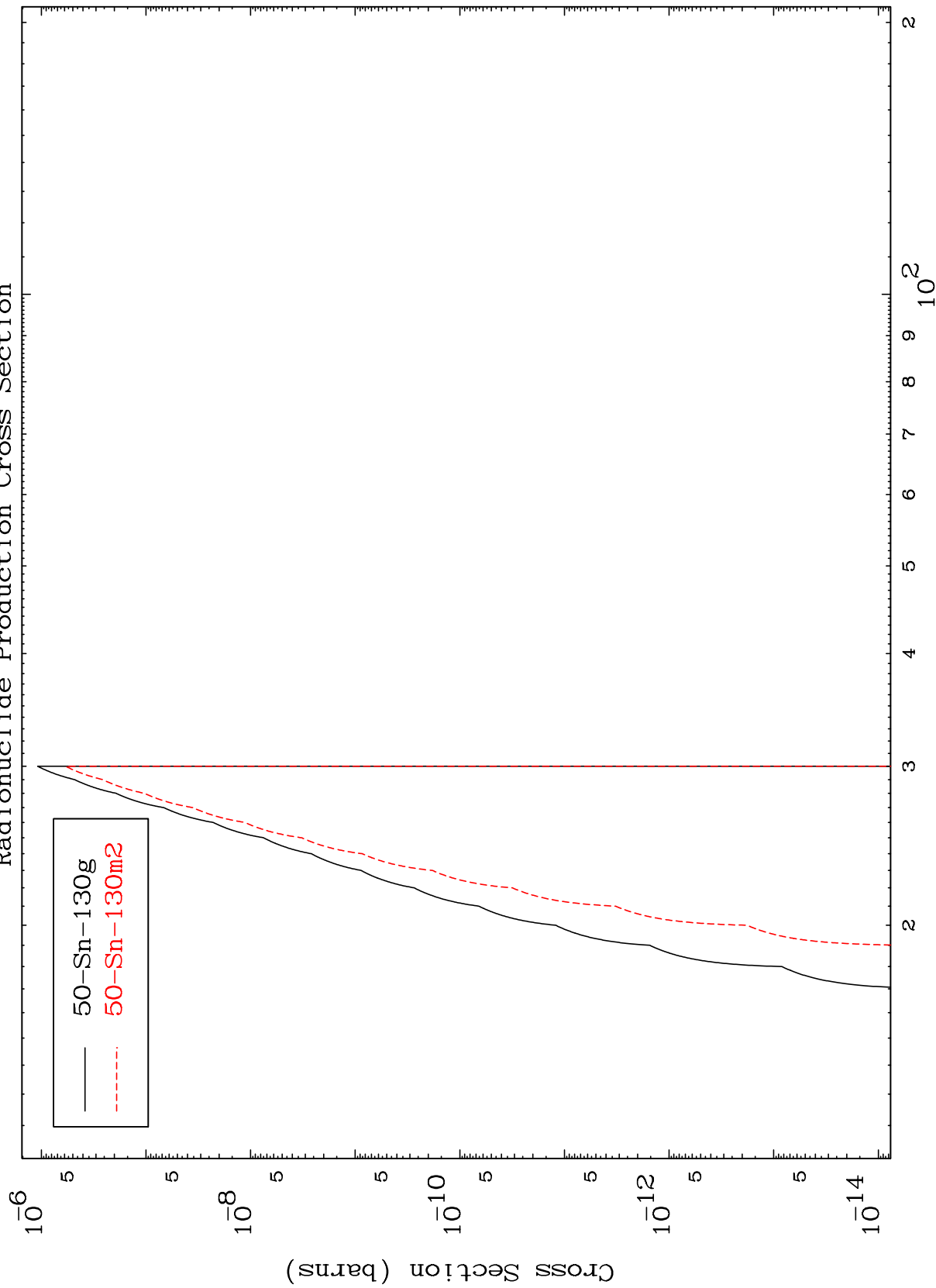
Radionuclide Production Cross Section



MAT 5259

52-Te-131

(n,2p)  
Radionuclide Production Cross Section

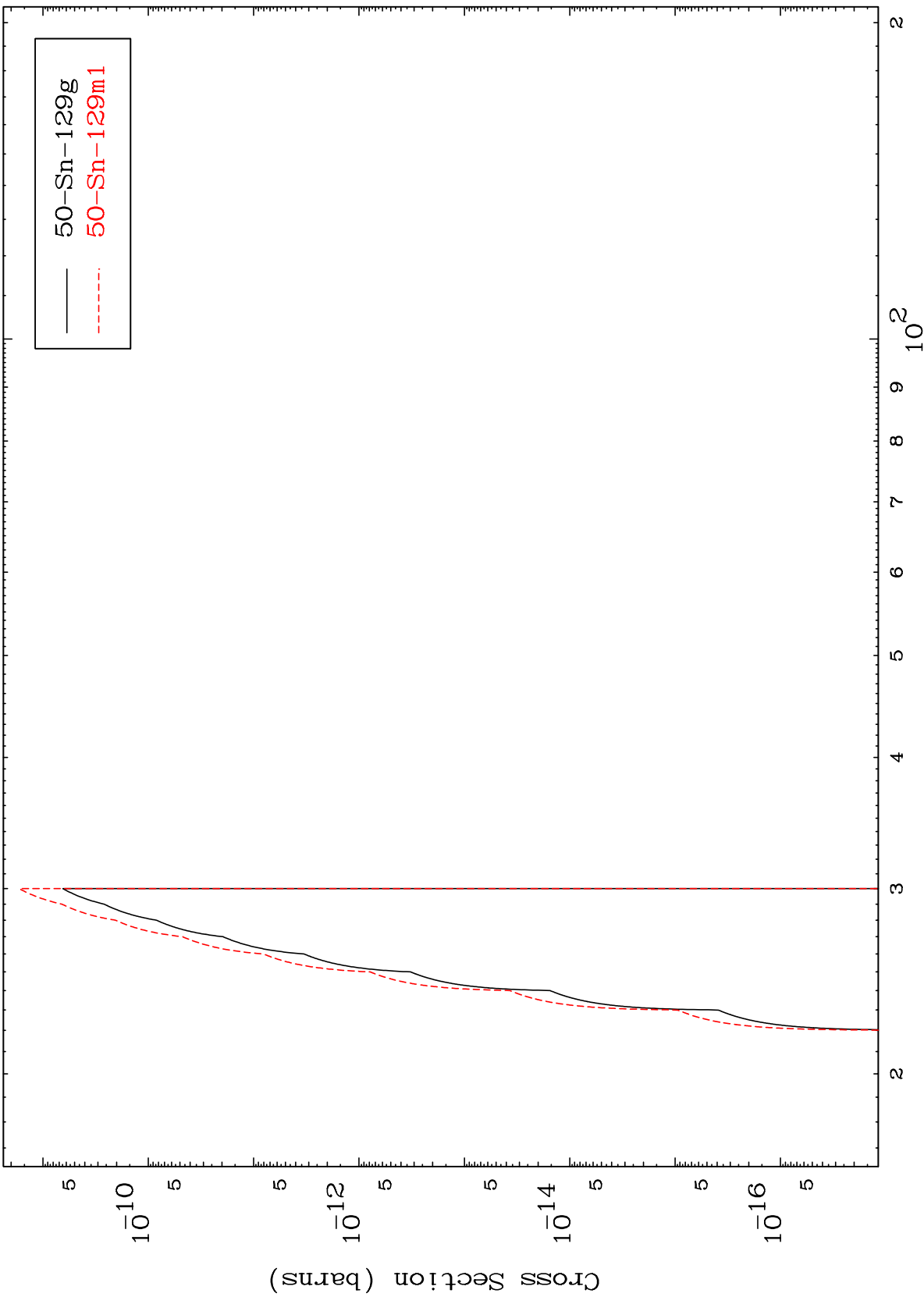


35

Incident Energy (MeV)

52-Te-131

Radionuclide Production Cross Section

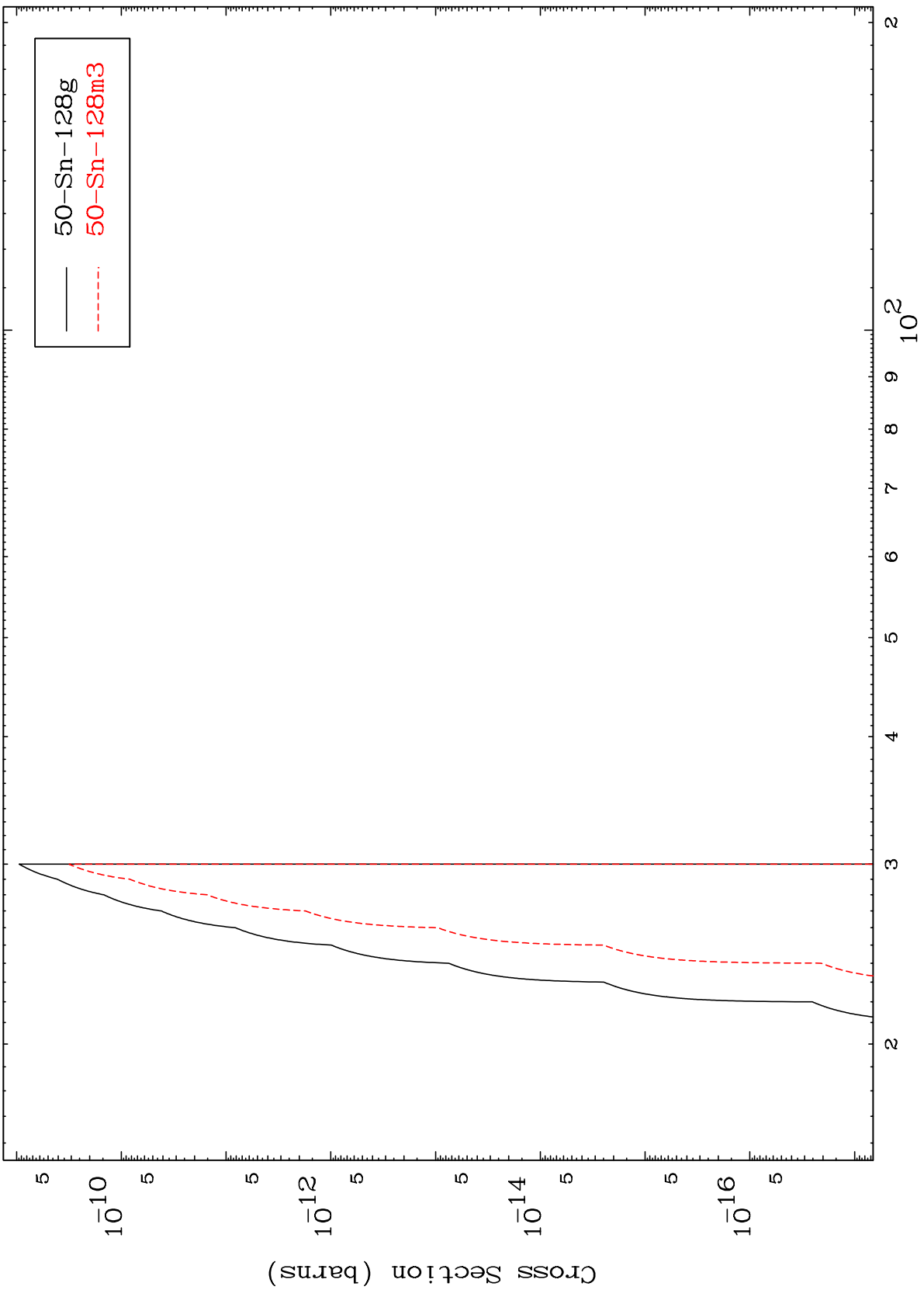


MAT 5259

(n,p) t

52-Te-131

Radionuclide Production Cross Section



37

Incident Energy (MeV)

52-Te-131