

Program EVALPLOT  
(Version 2021-1)

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

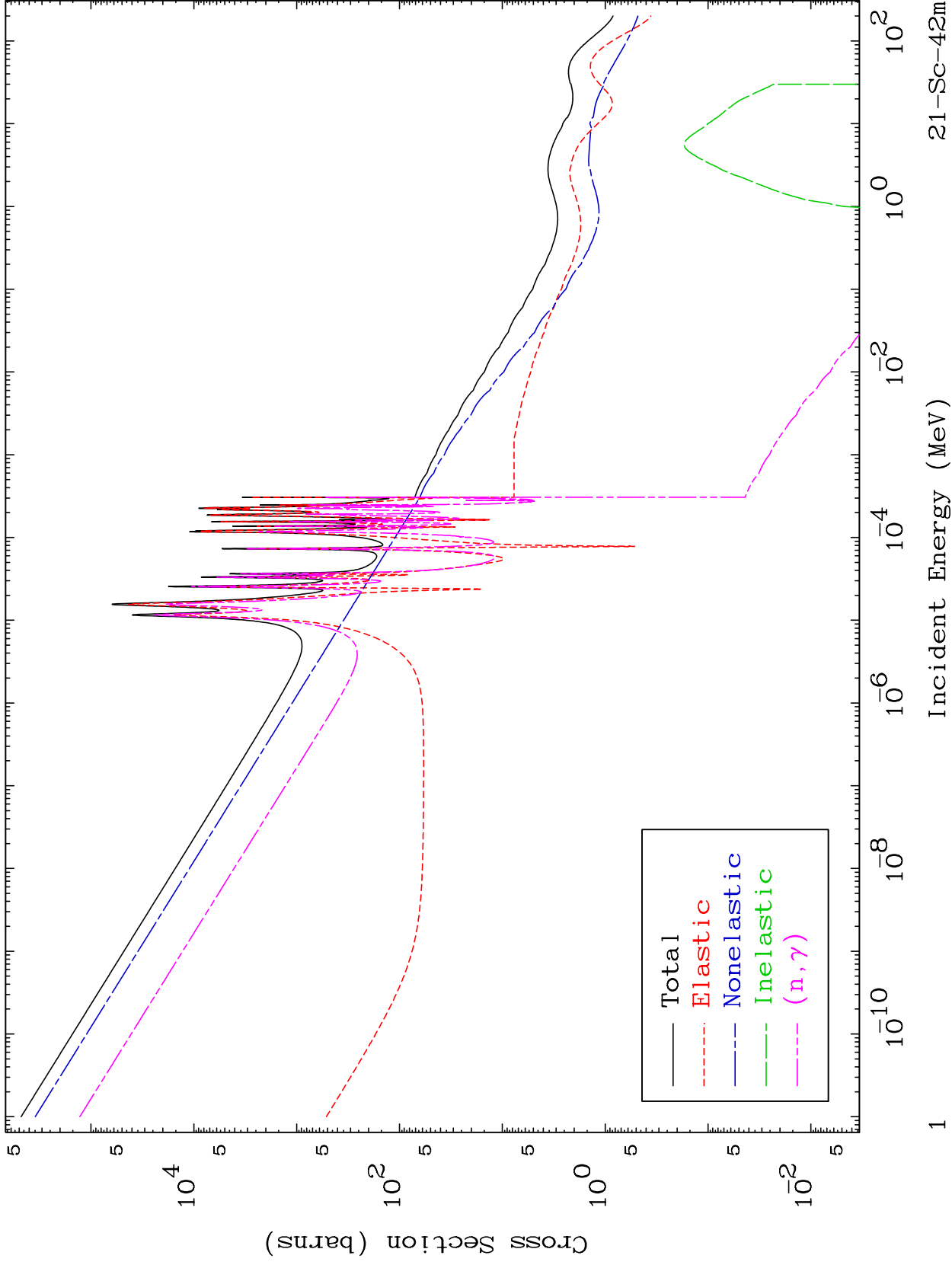
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2117

Neutron Major  
293 Kelvin Cross Sections

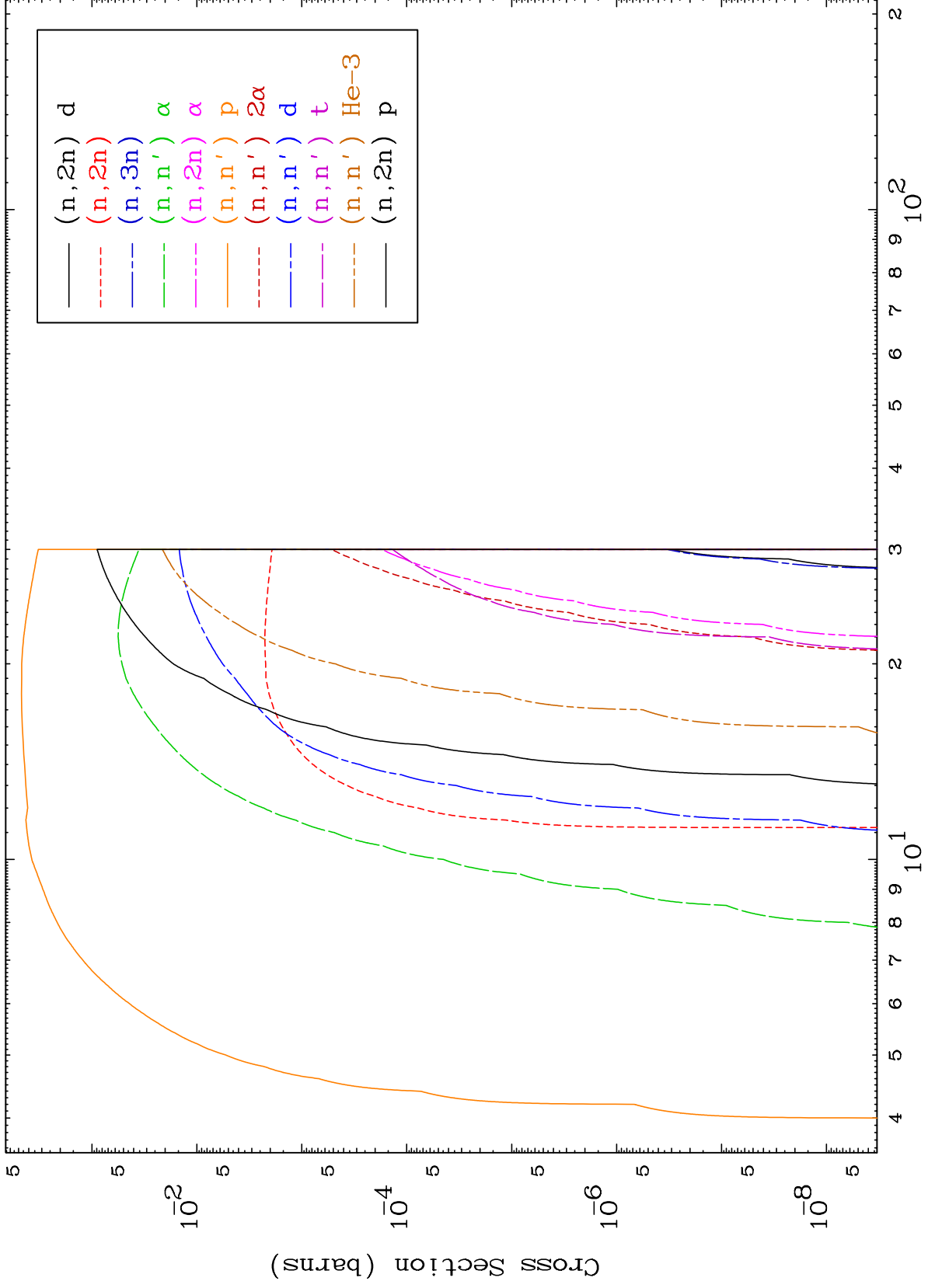
21-Sc-42m



MAT 2117

Neutron Absorption  
293 Kelvin Cross Sections

21-Sc-42m



2

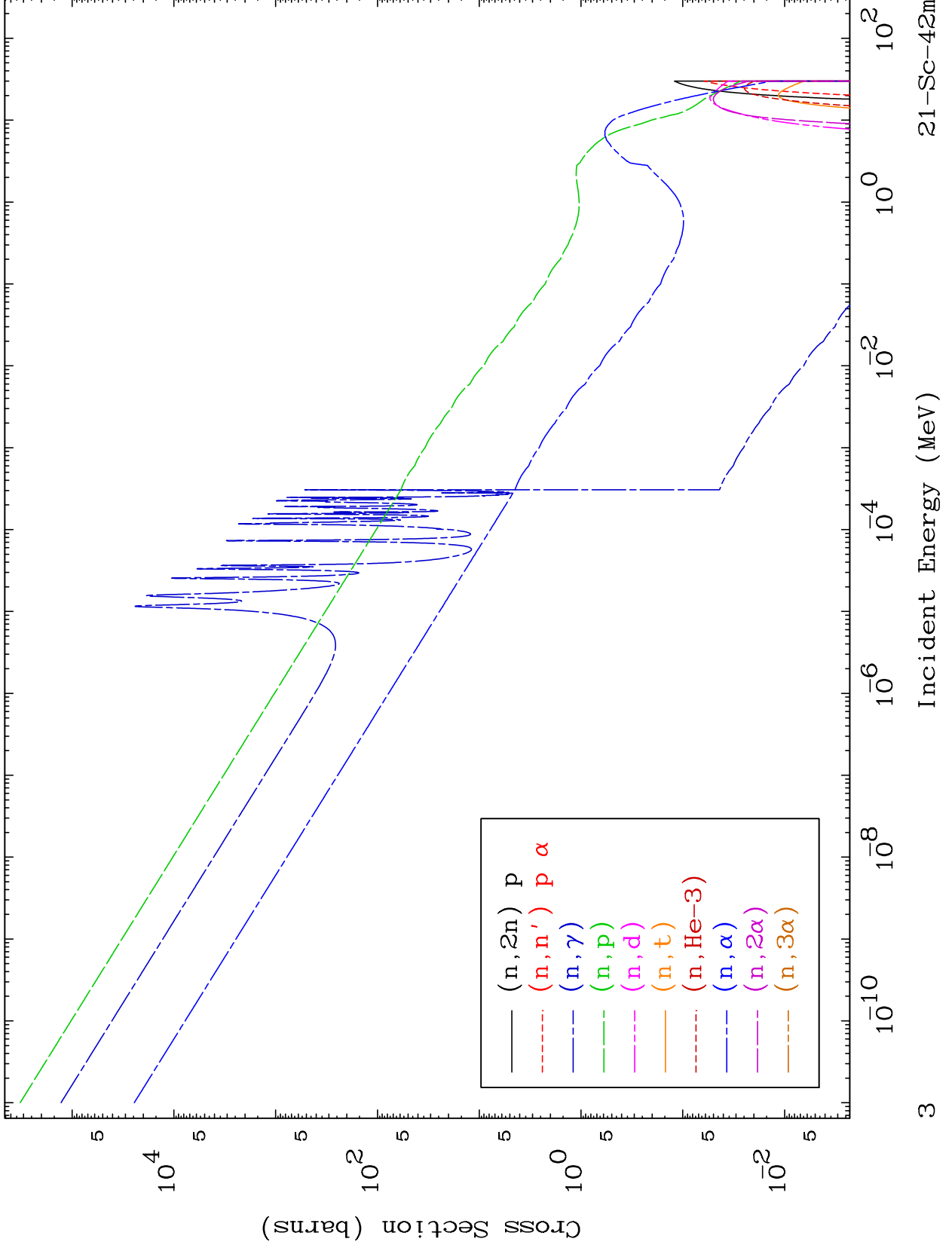
Incident Energy (MeV)

21-Sc-42m

MAT 2117

Neutron Absorption  
293 Kelvin Cross Sections

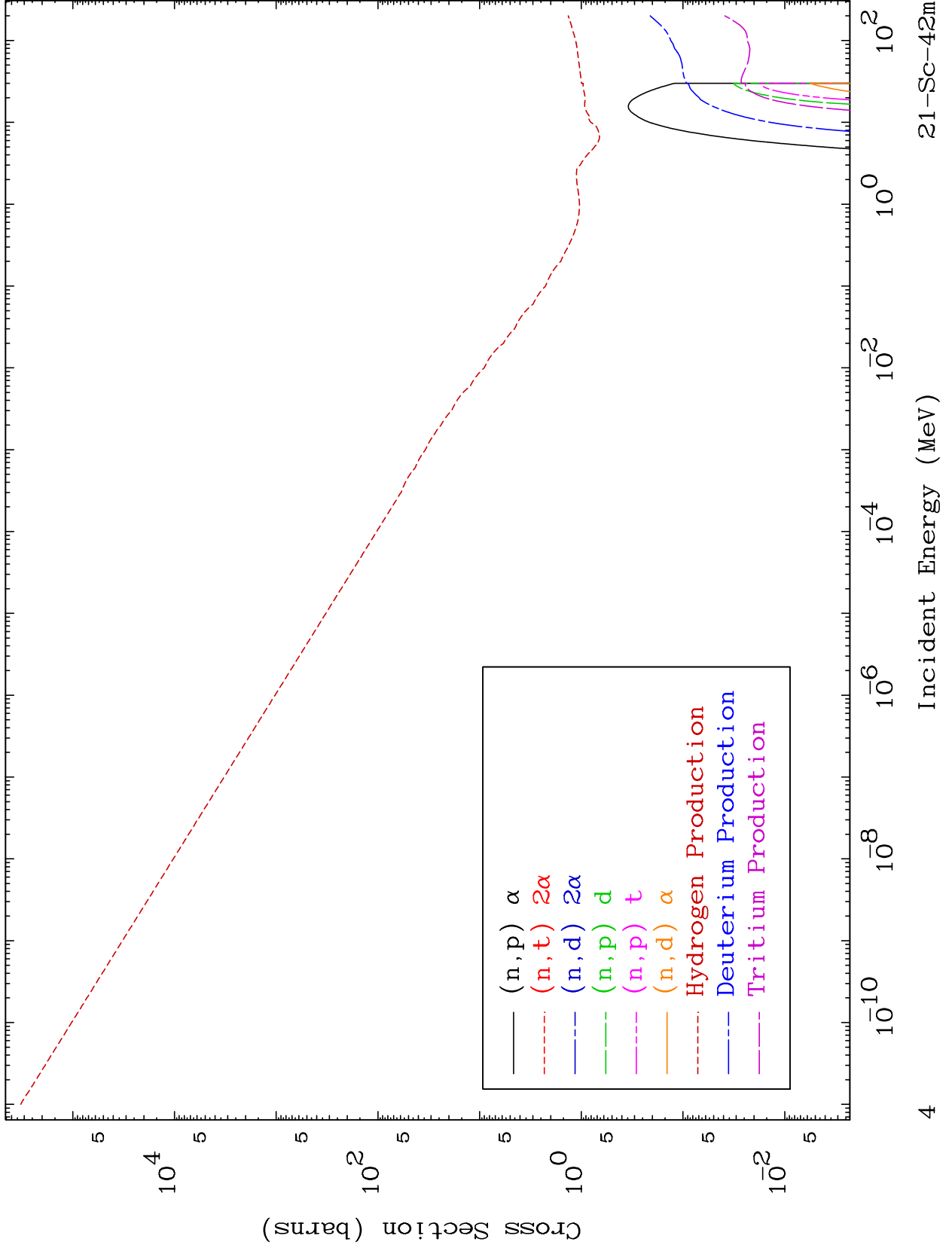
21-Sc-42m



MAT 2117

Neutron Absorption  
293 Kelvin Cross Sections

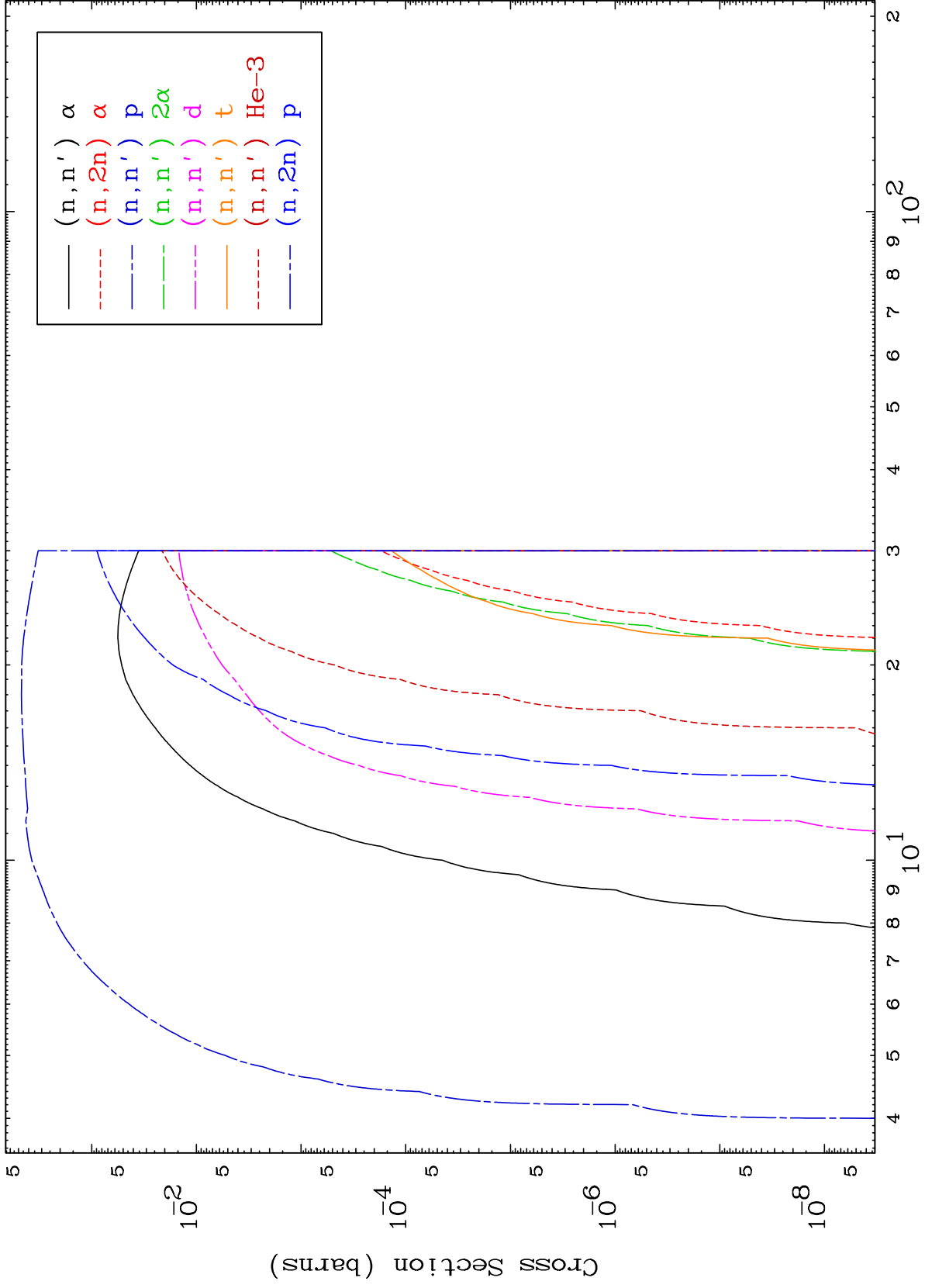
21-Sc-42m



MAT 2117

Charged Particle  
293 Kelvin Cross Sections

21-Sc-42m



5

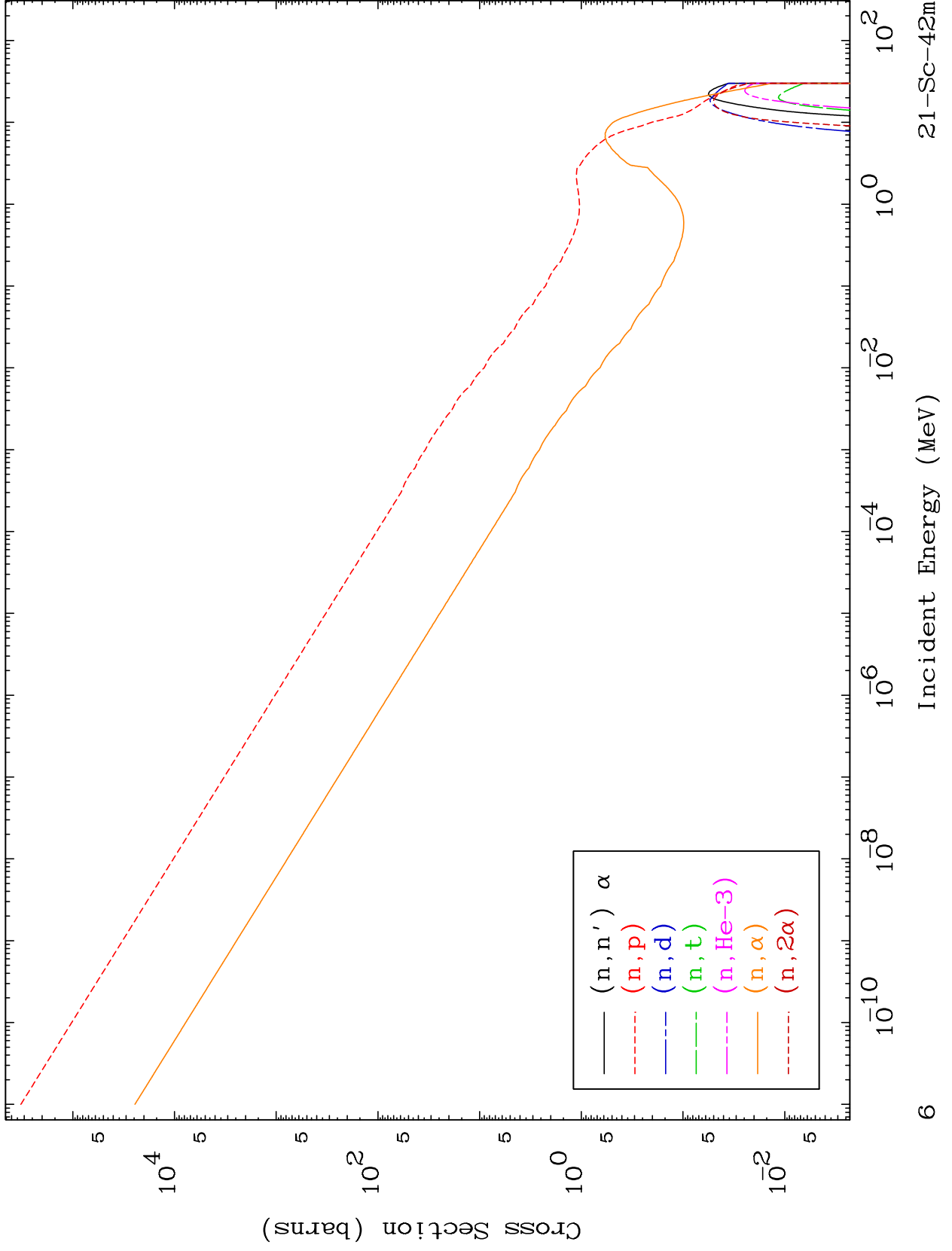
Incident Energy (MeV)

21-Sc-42m

MAT 2117

Charged Particle  
293 Kelvin Cross Sections

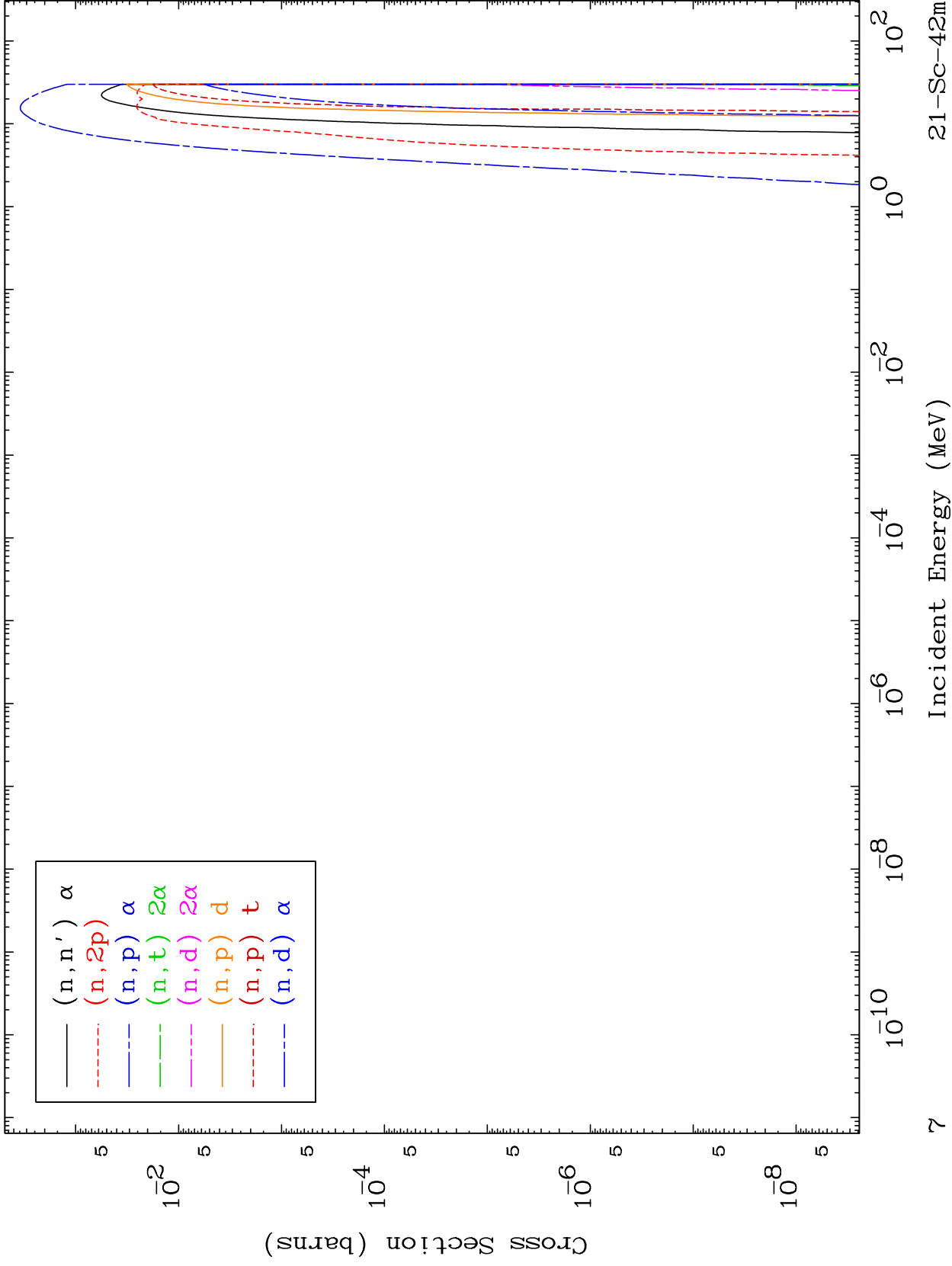
21-Sc-42m



MAT 2117

Charged Particle  
293 Kelvin Cross Sections

21-Sc-42m

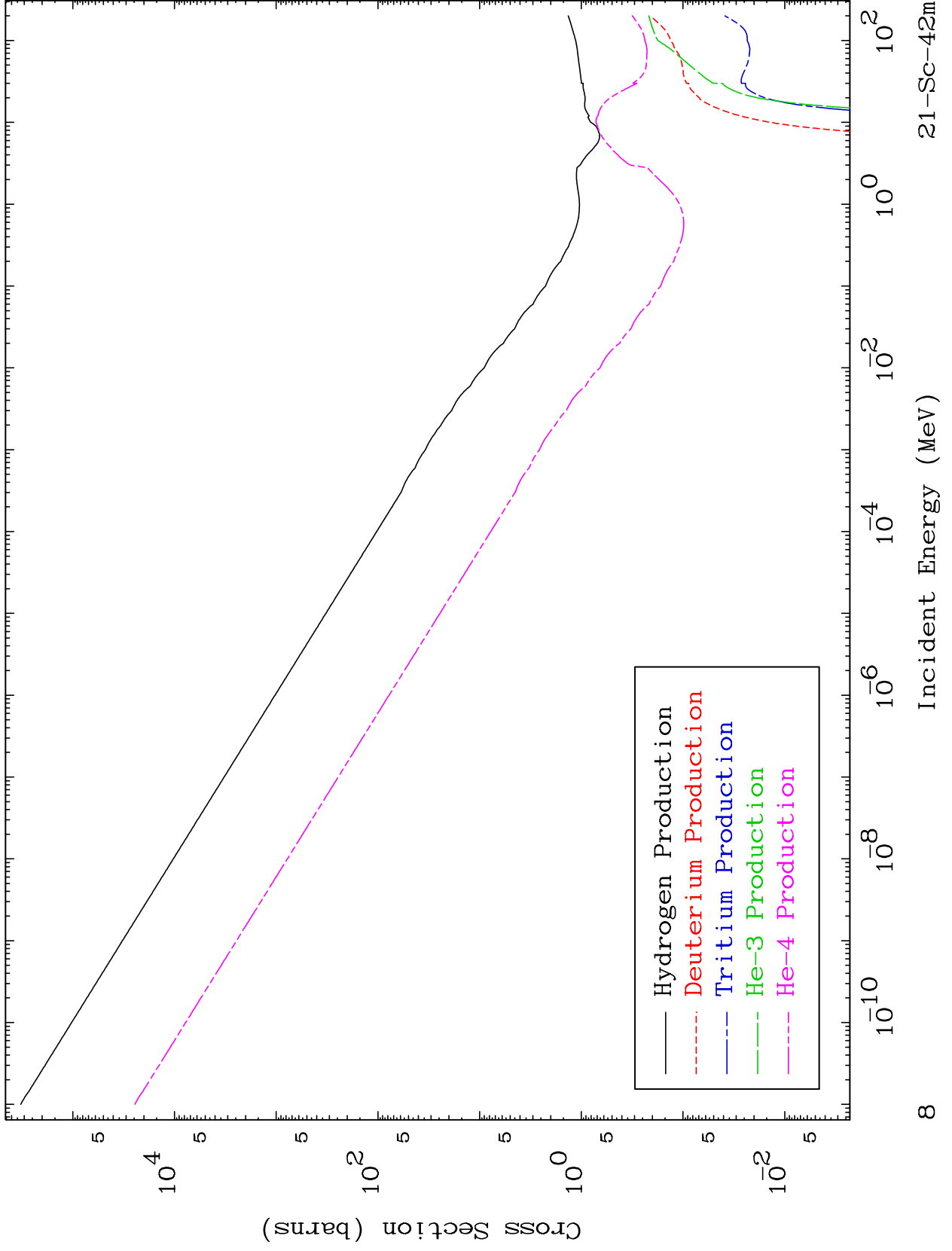




MAT 2117

Particle Production  
293 Kelvin Cross Sections

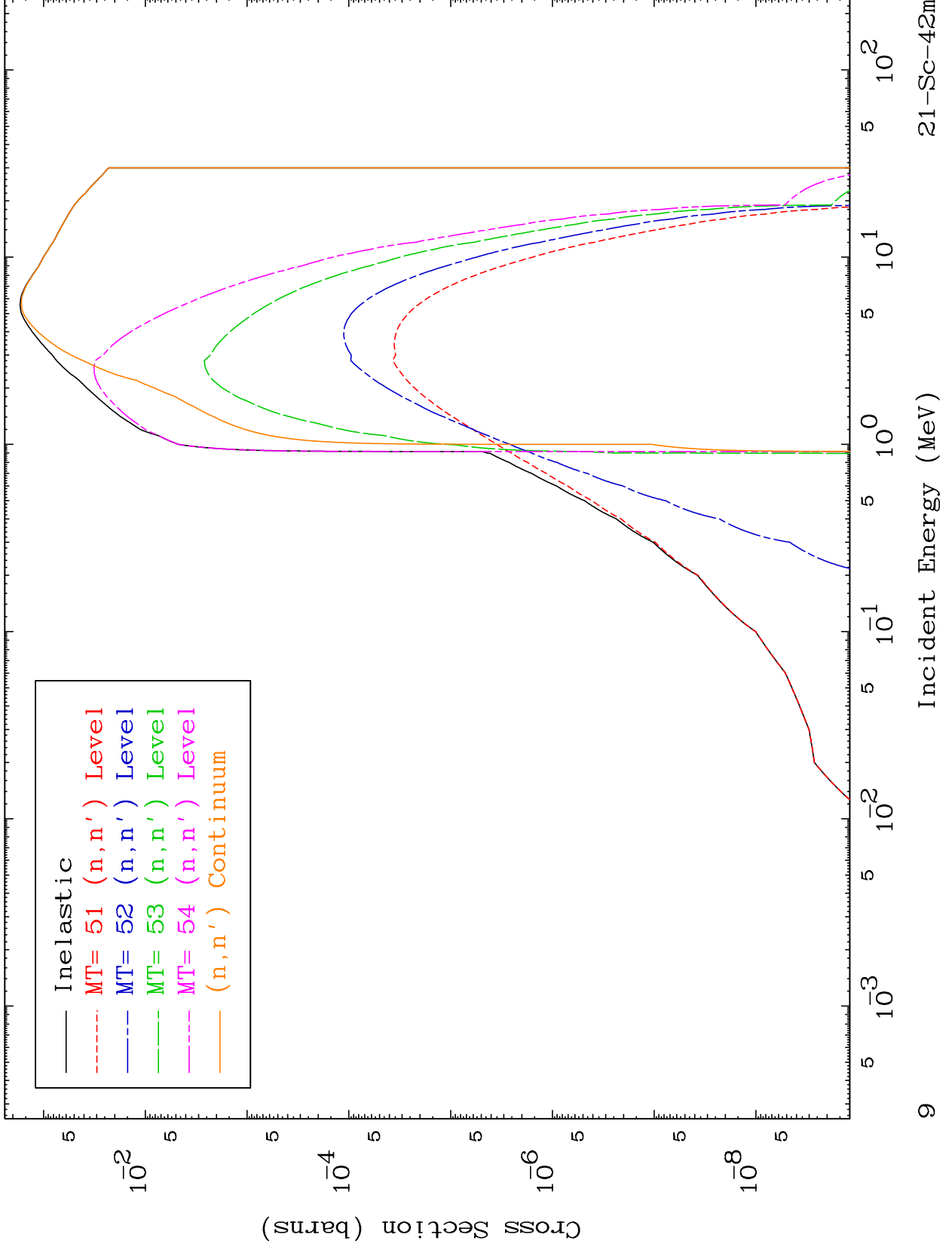
21-Sc-42m



MAT 2117

293 Kelvin Cross Sections  
(n,n') Levels

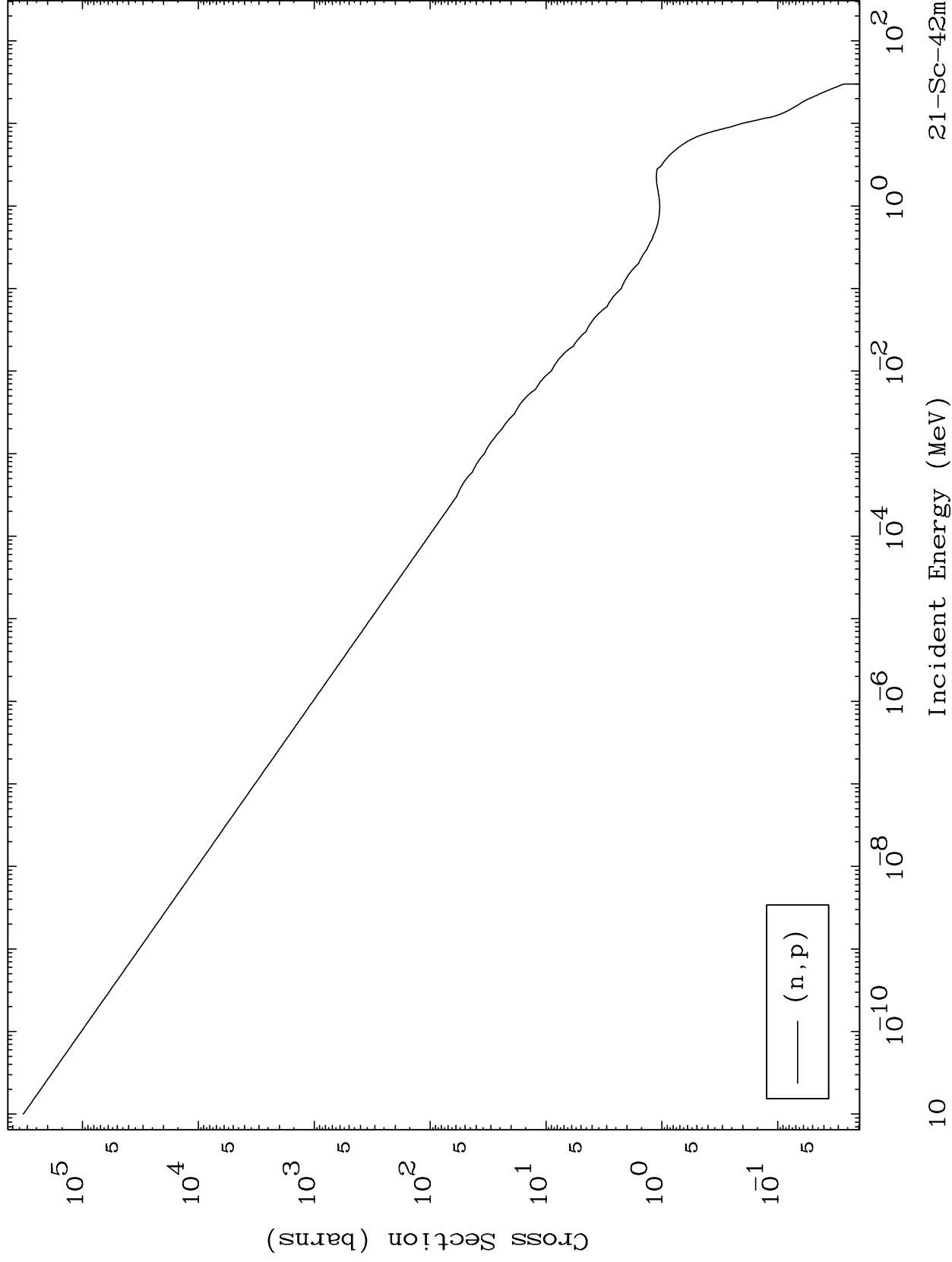
21-Sc-42m



MAT 2117

(n,p) Levels  
293 Kelvin Cross Sections

21-Sc-42m



10

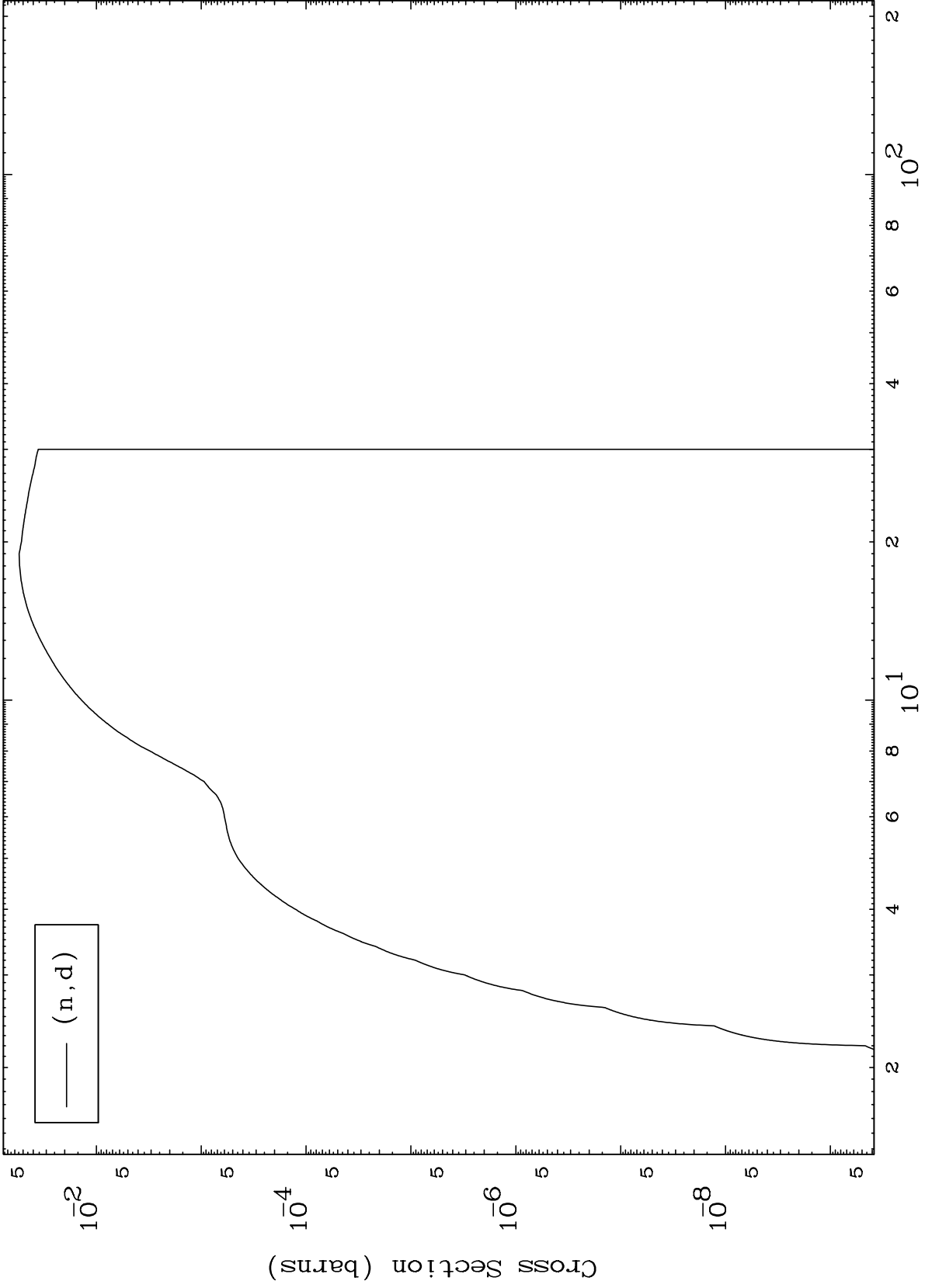
Incident Energy (MeV)

21-Sc-42m

MAT 2117

(n,d) Levels  
293 Kelvin Cross Sections

21-Sc-42m

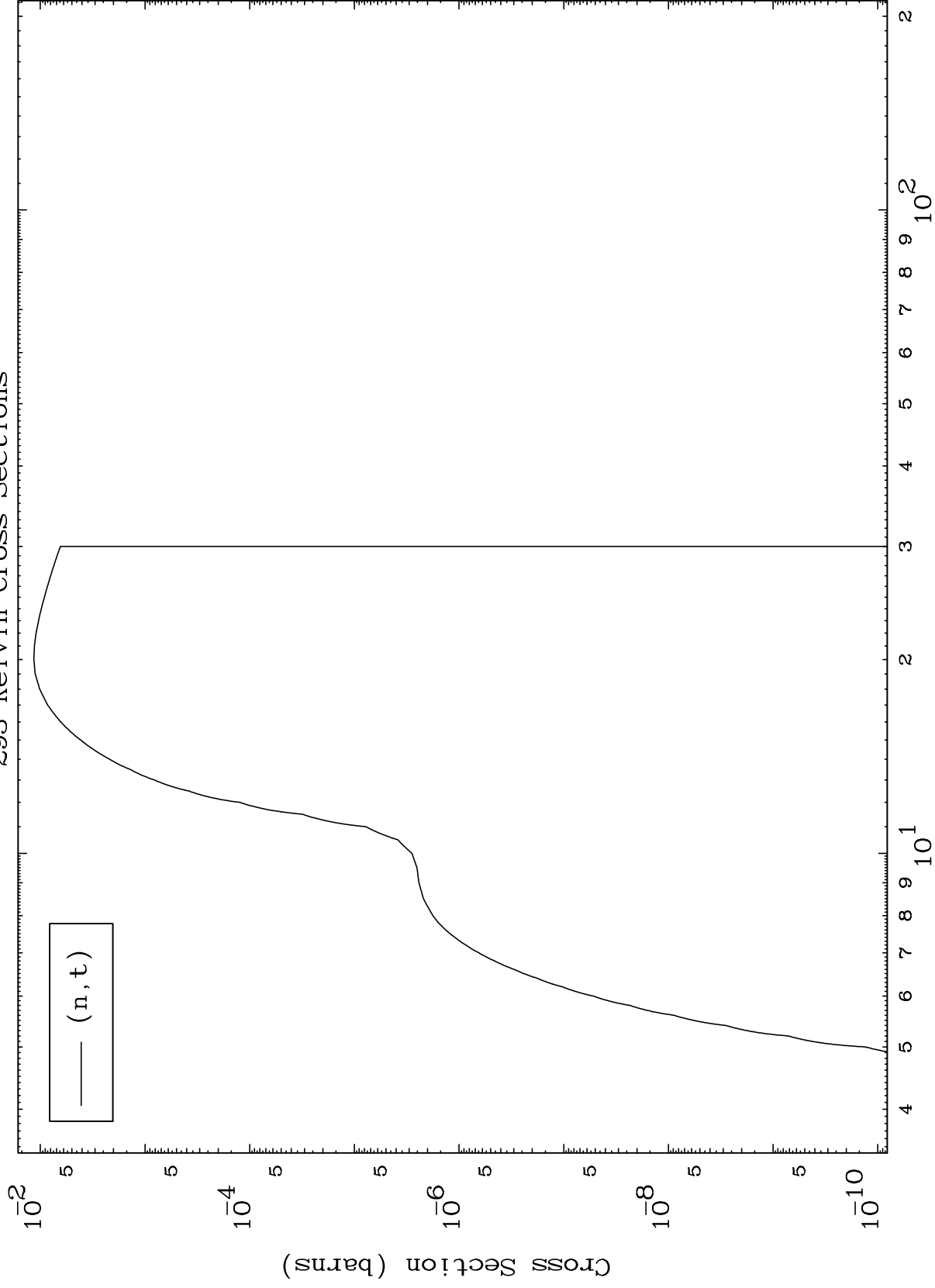


(n,d)

MAT 2117

(n,t) Levels  
293 Kelvin Cross Sections

21-Sc-42m



12

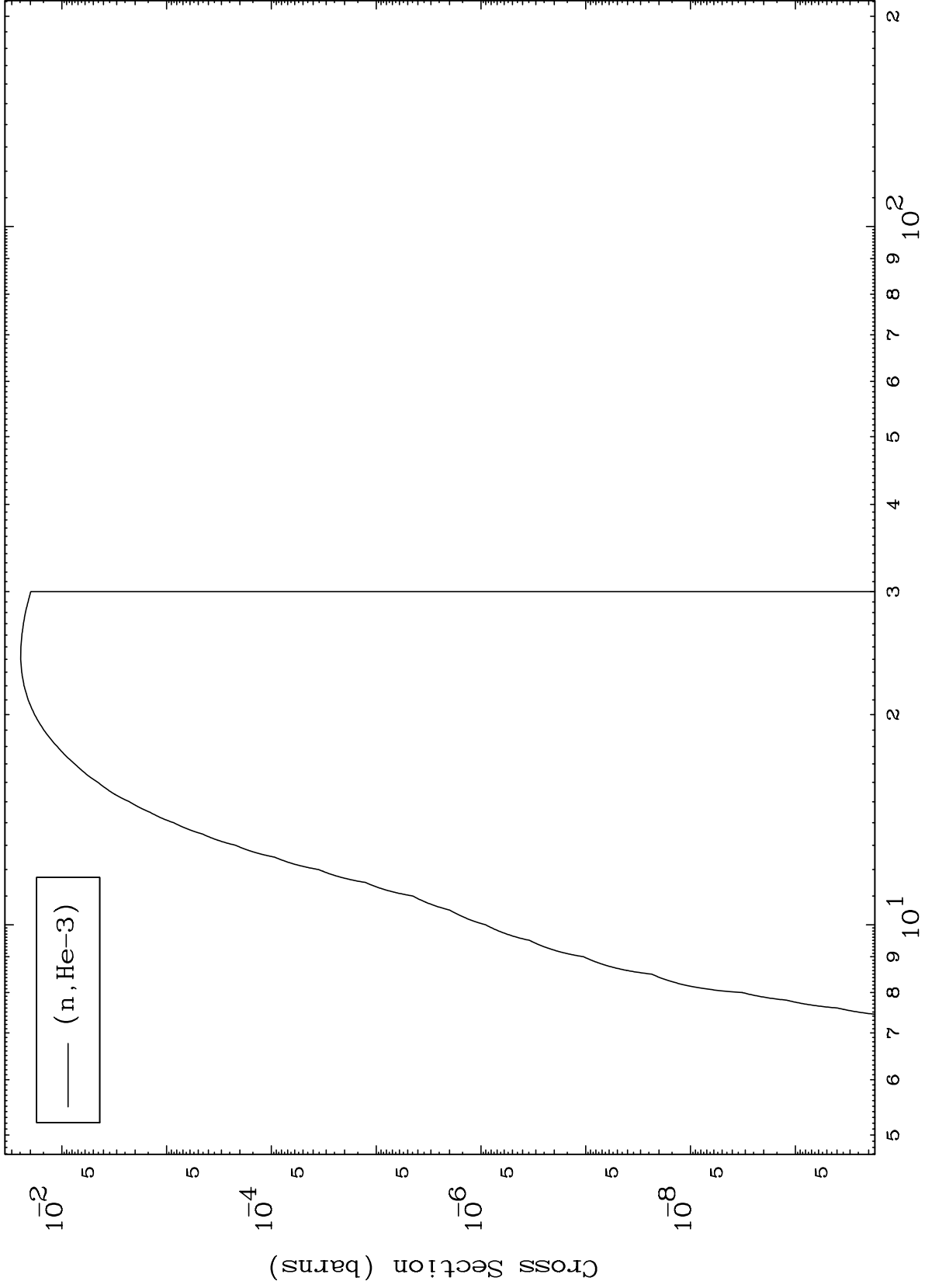
Incident Energy (MeV)

21-Sc-42m

MAT 2117

(n,He3) Levels  
293 Kelvin Cross Sections

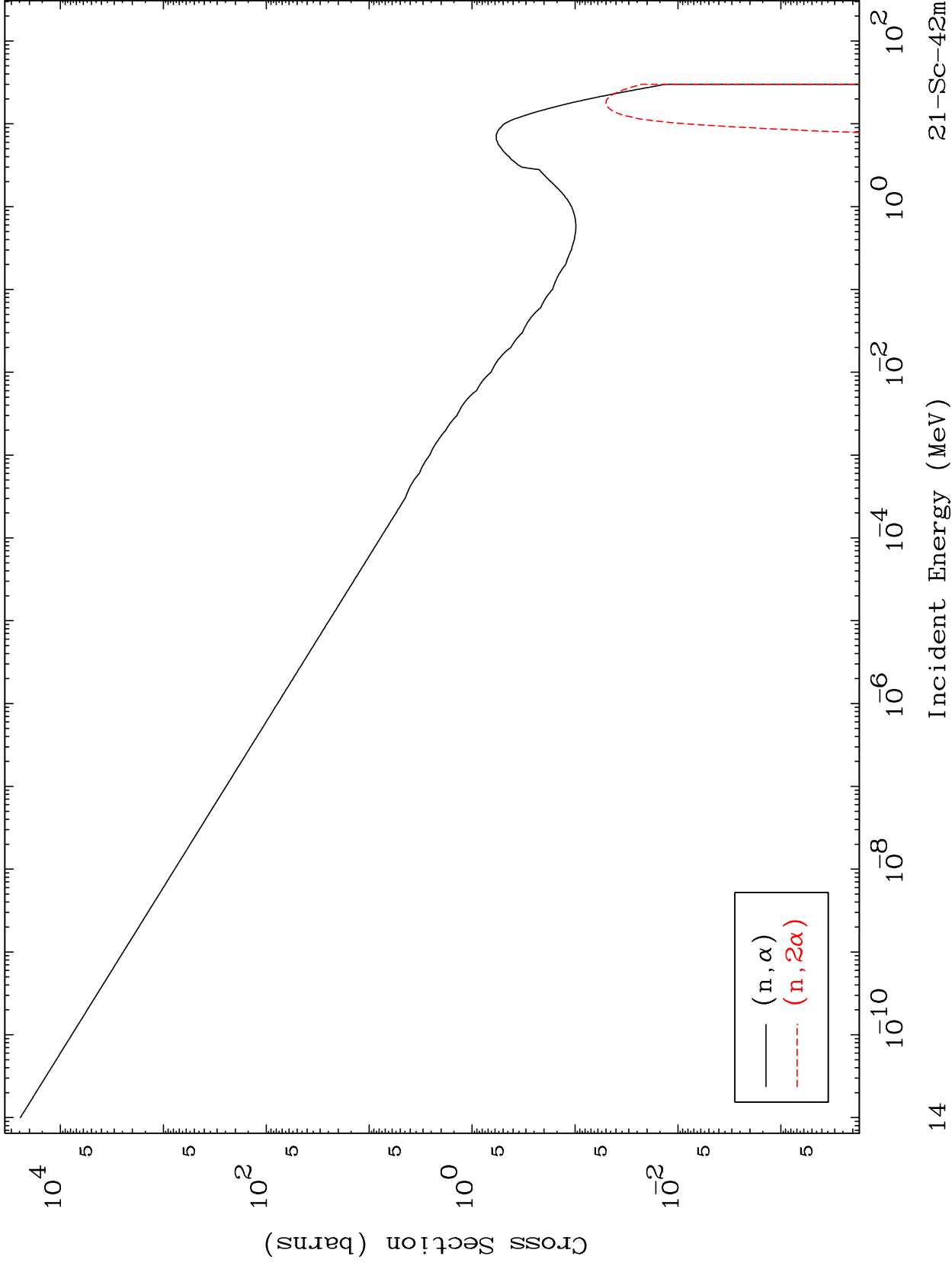
21-Sc-42m



MAT 2117

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

21-Sc-42m



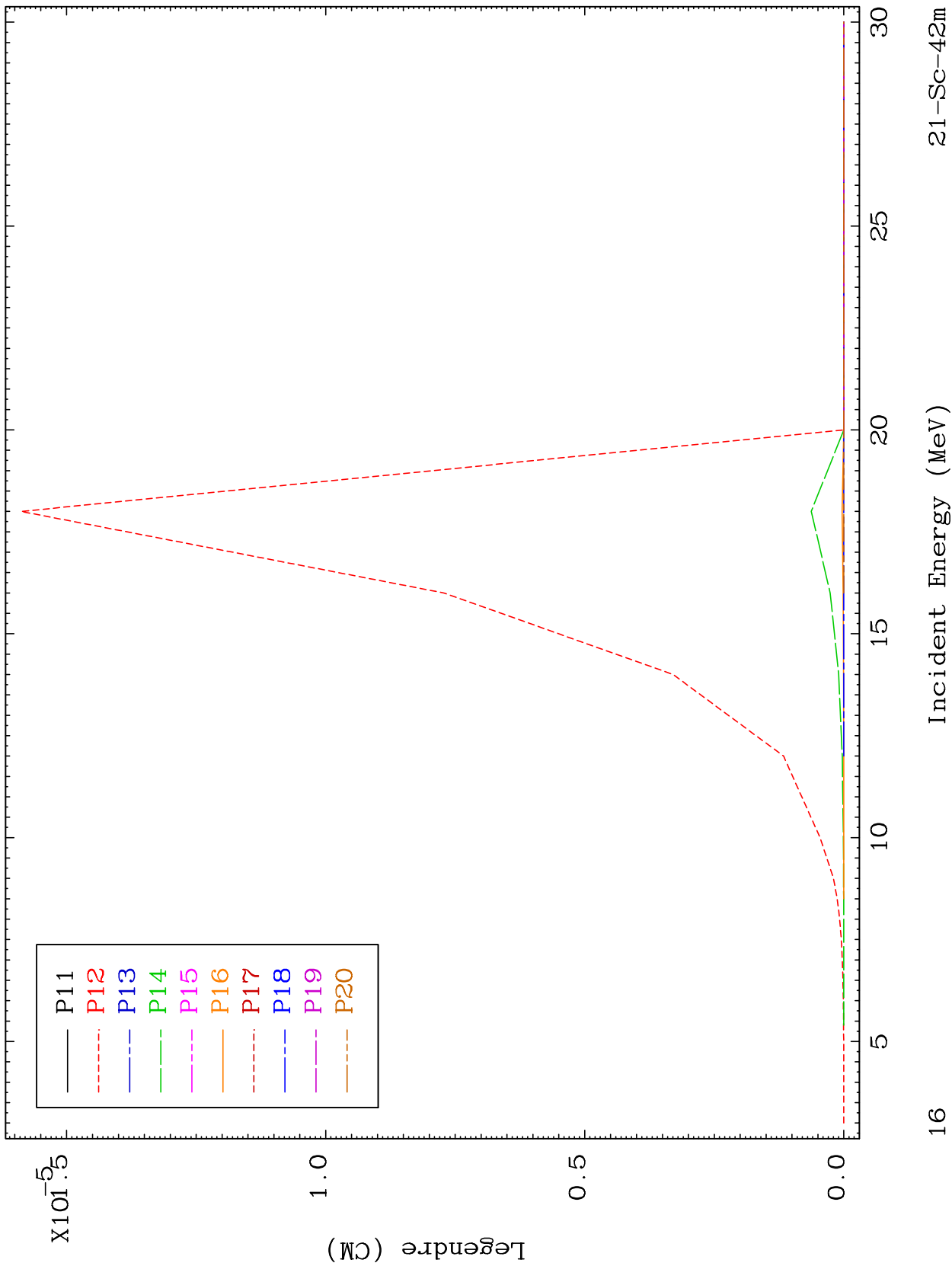




MAT 2117

Elastic Legendre Coefficients

21-Sc-42m

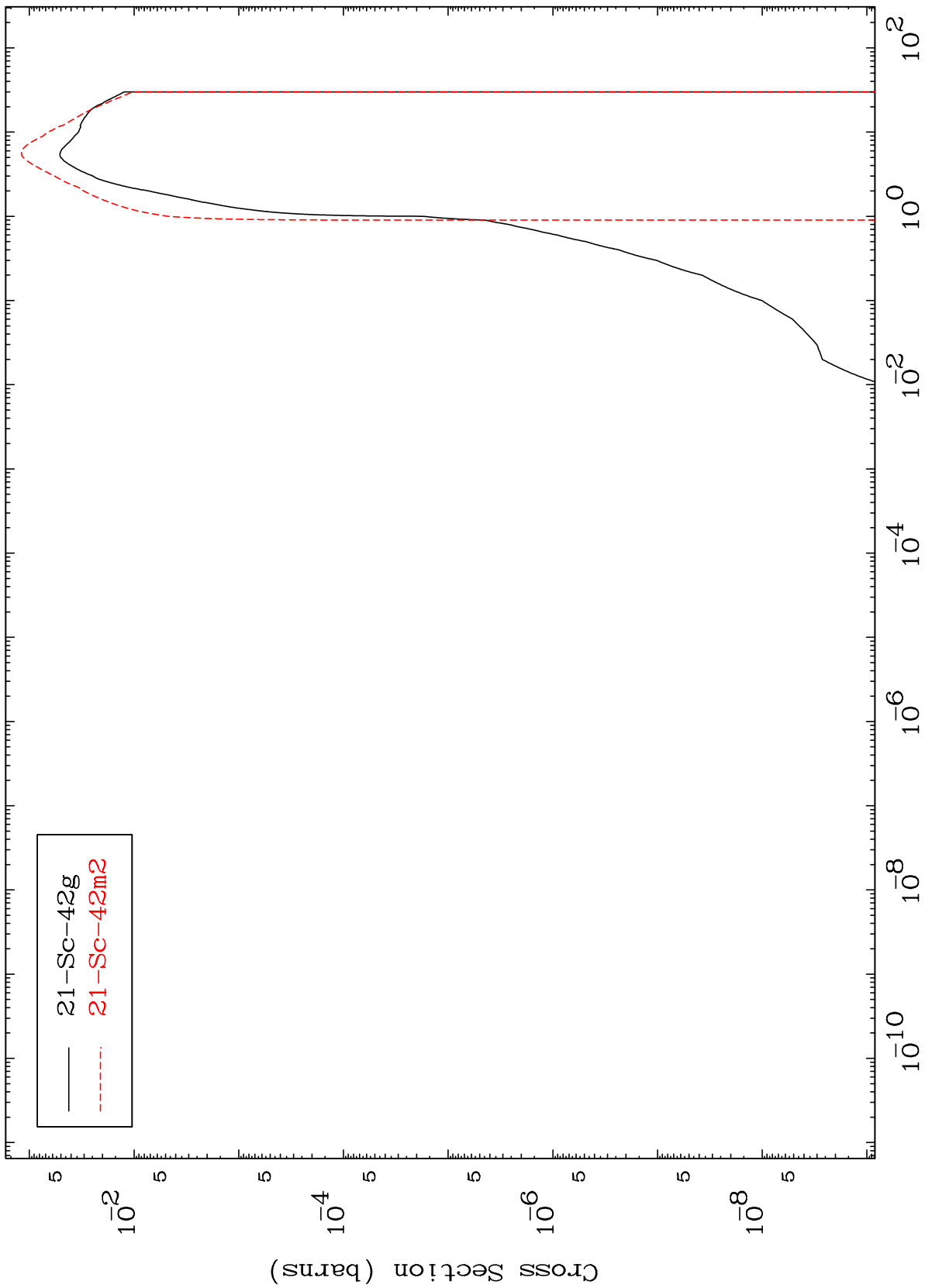


- P11
- P12
- P13
- P14
- P15
- P16
- P17
- P18
- P19
- P20

MAT 2117

Inelastic  
Radionuclide Production Cross Section

21-Sc-42m

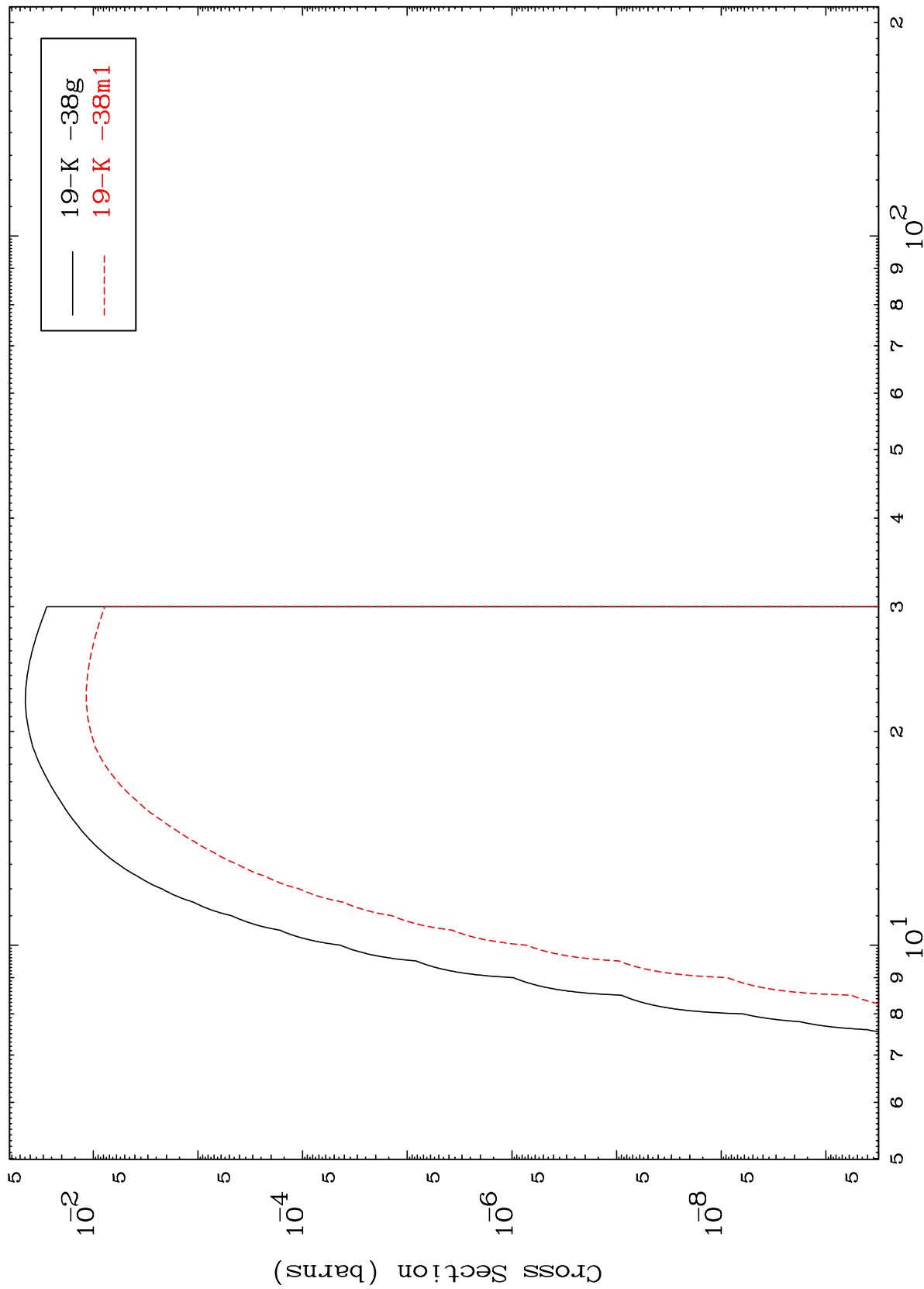


MAT 2117

$(n, n') \alpha$

21-Sc-42m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

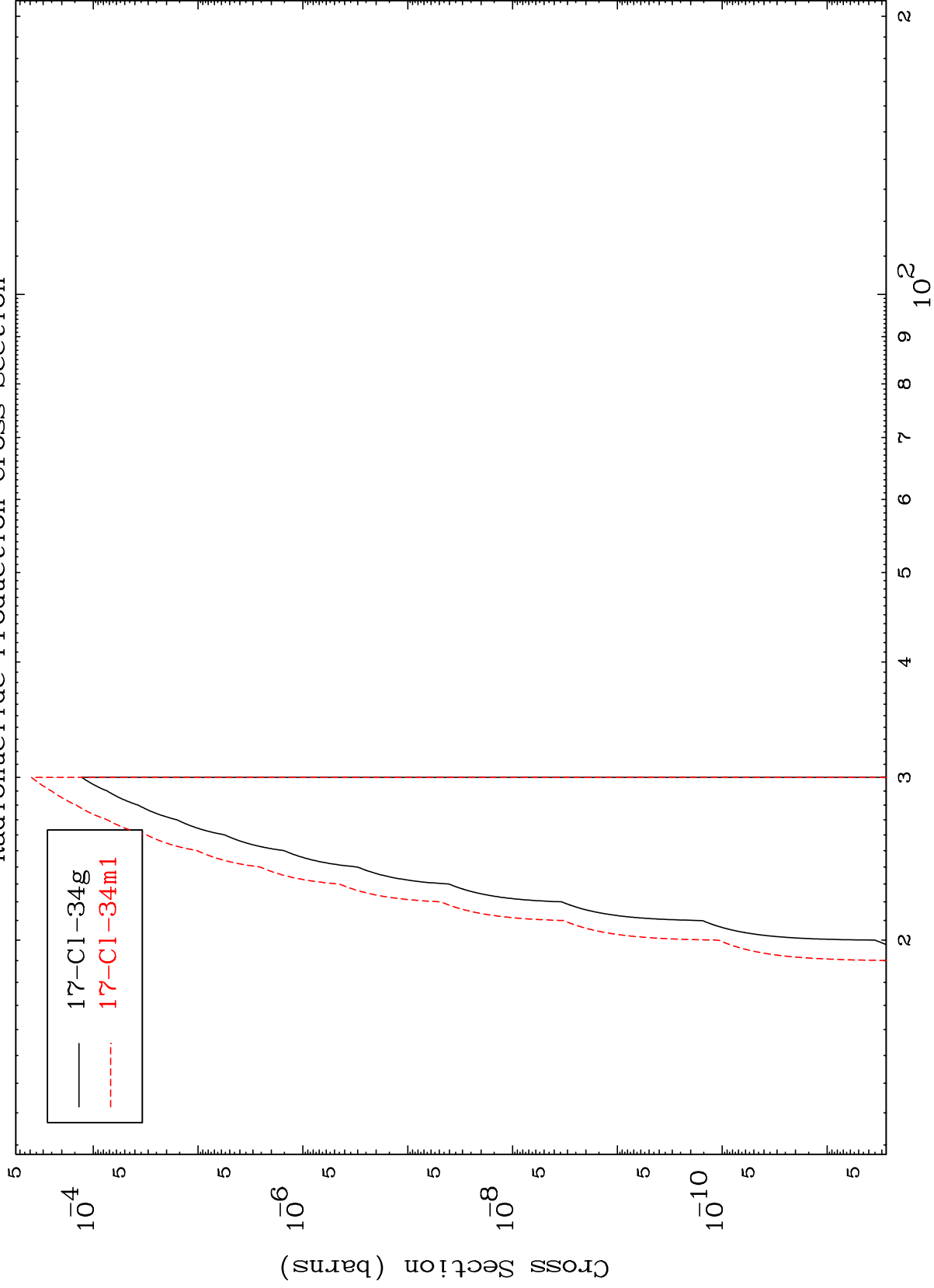
21-Sc-42m

MAT 2117

(n,n') 2α

21-Sc-42m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

21-Sc-42m