

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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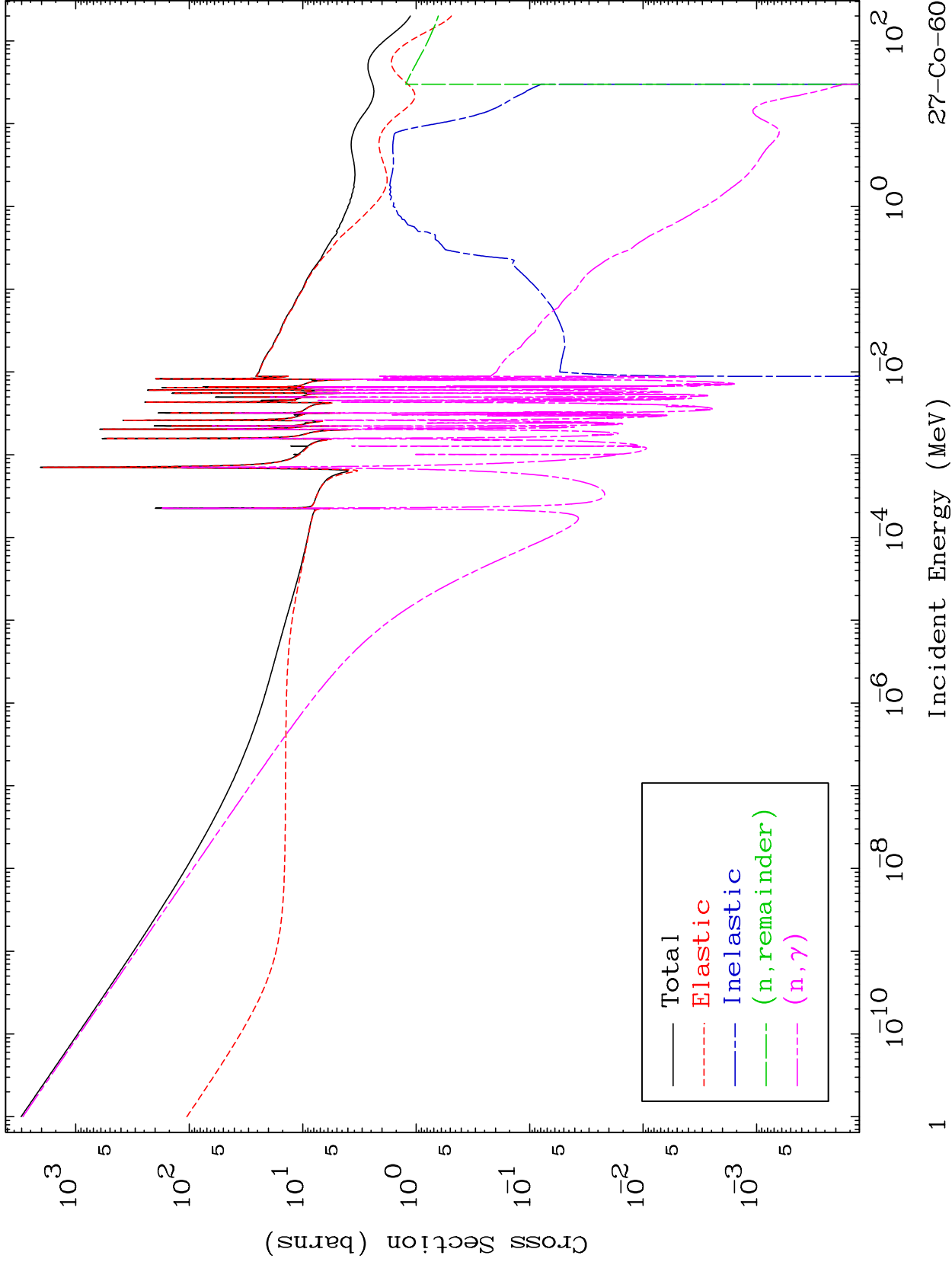
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2729

Major  
293 Kelvin Cross Sections

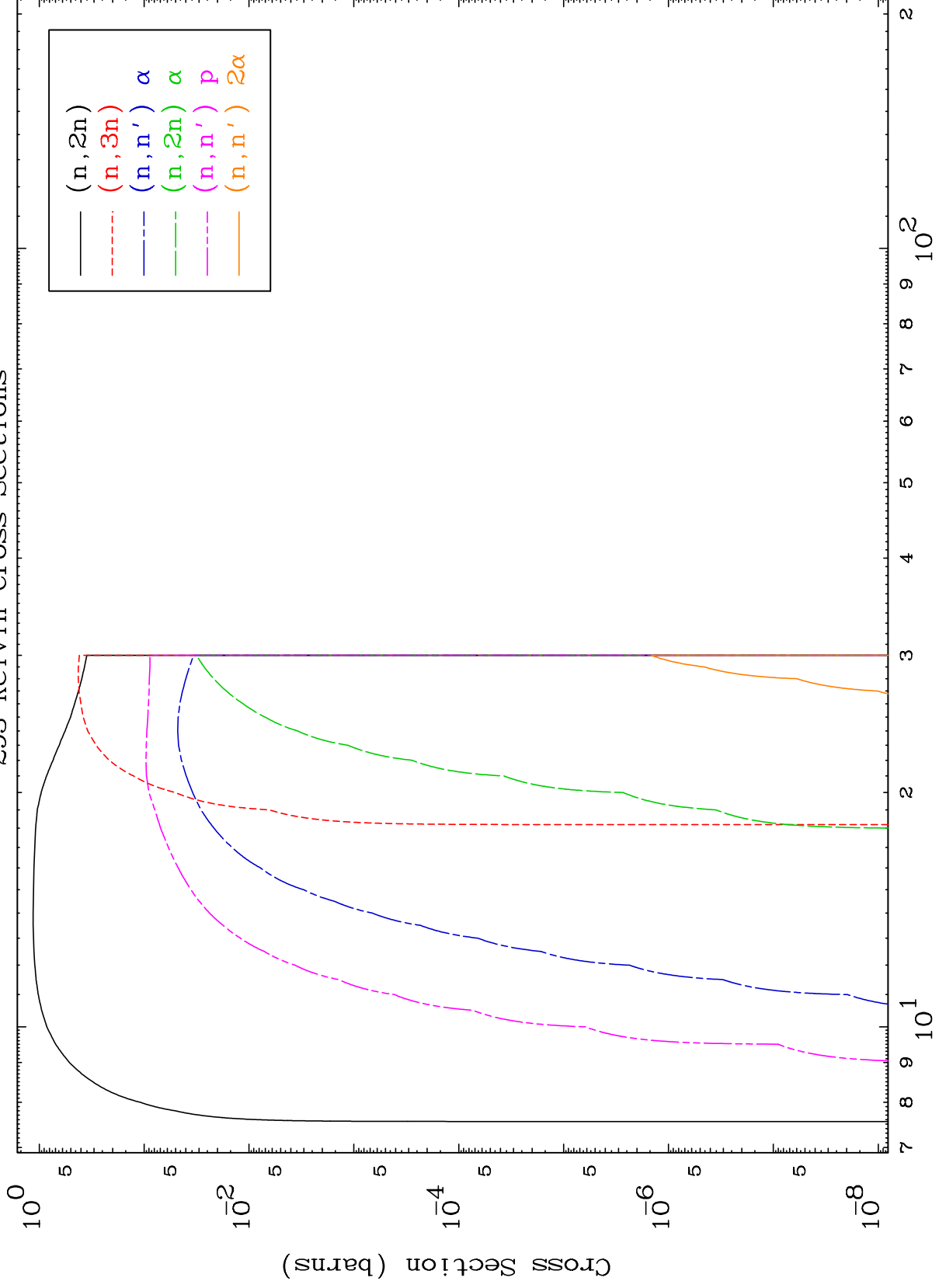
27-Co-60



MAT 2729

Neutron Production  
293 Kelvin Cross Sections

27-Co-60



2

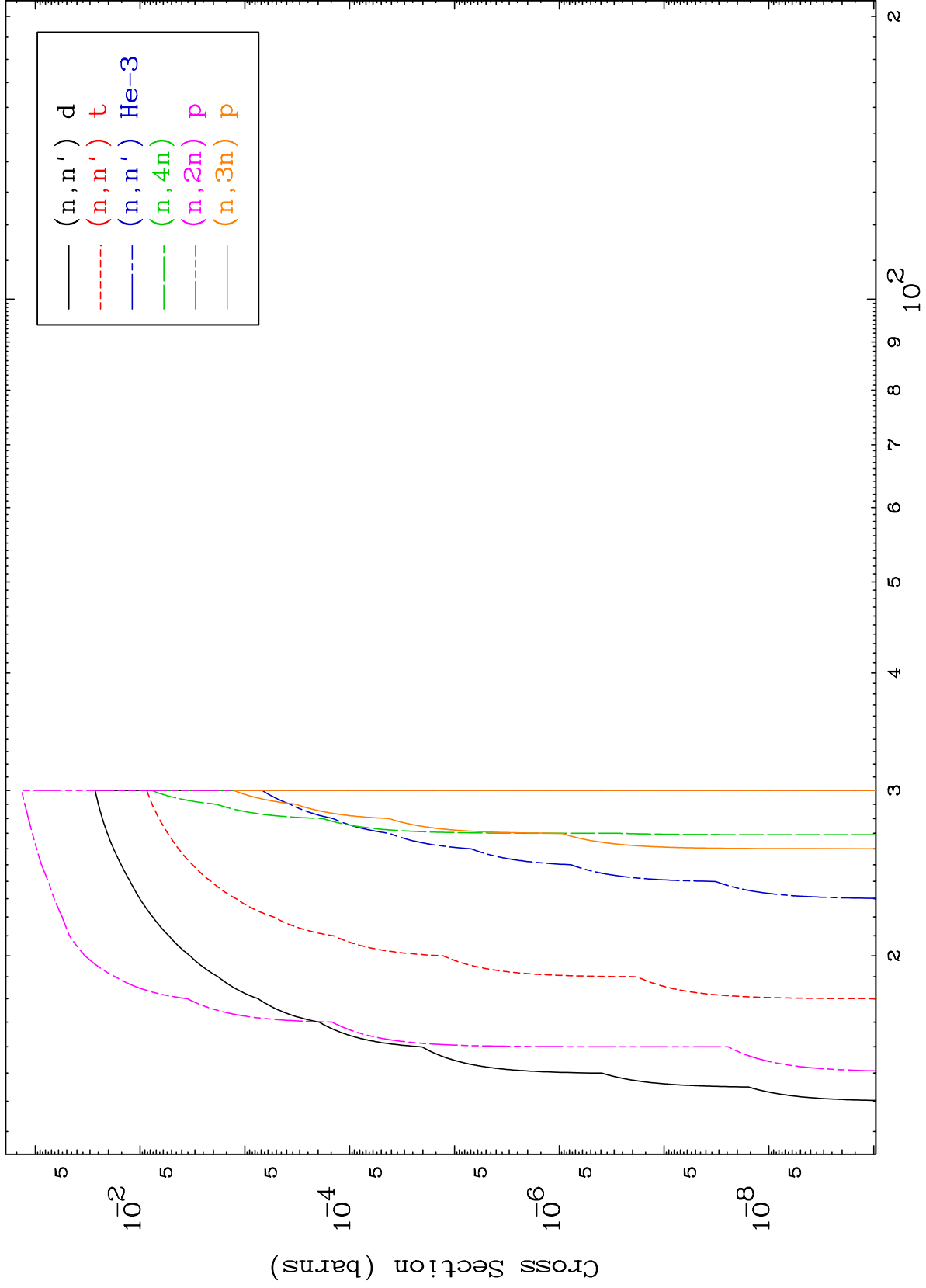
Incident Energy (MeV)

27-Co-60

MAT 2729

Neutron Production  
293 Kelvin Cross Sections

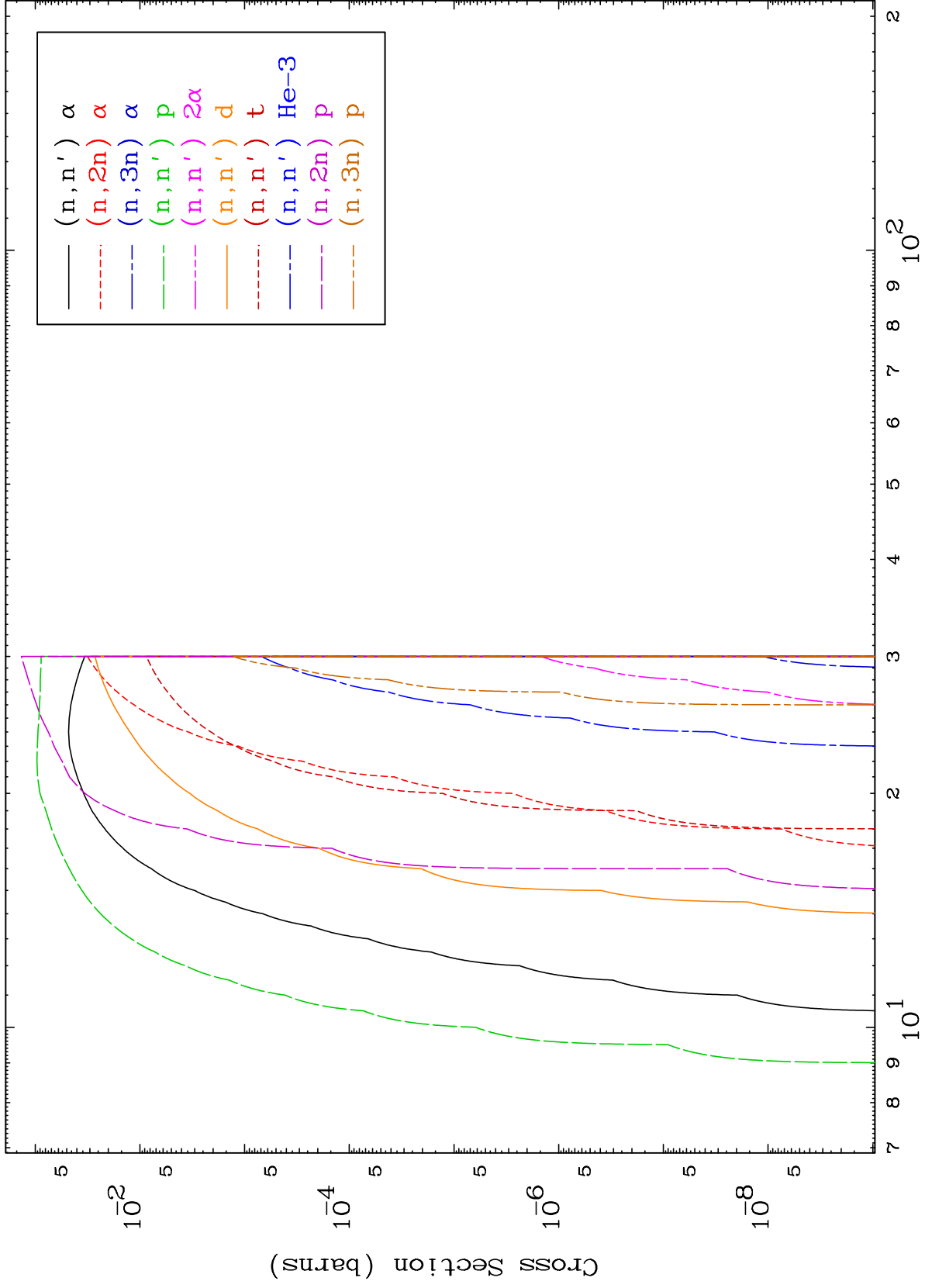
27-Co-60



3

Incident Energy (MeV)

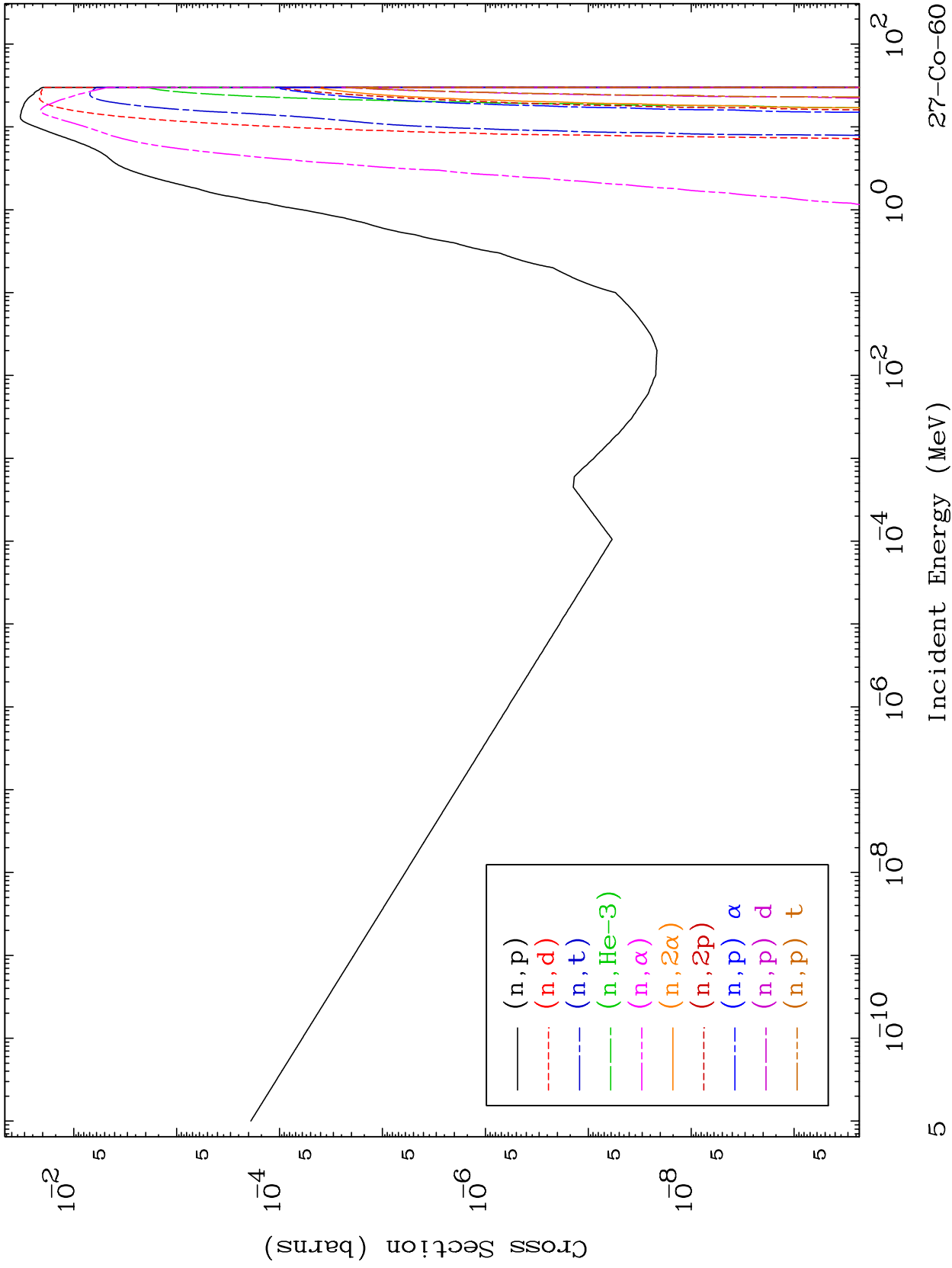
27-Co-60



MAT 2729

Charged Particle  
293 Kelvin Cross Sections

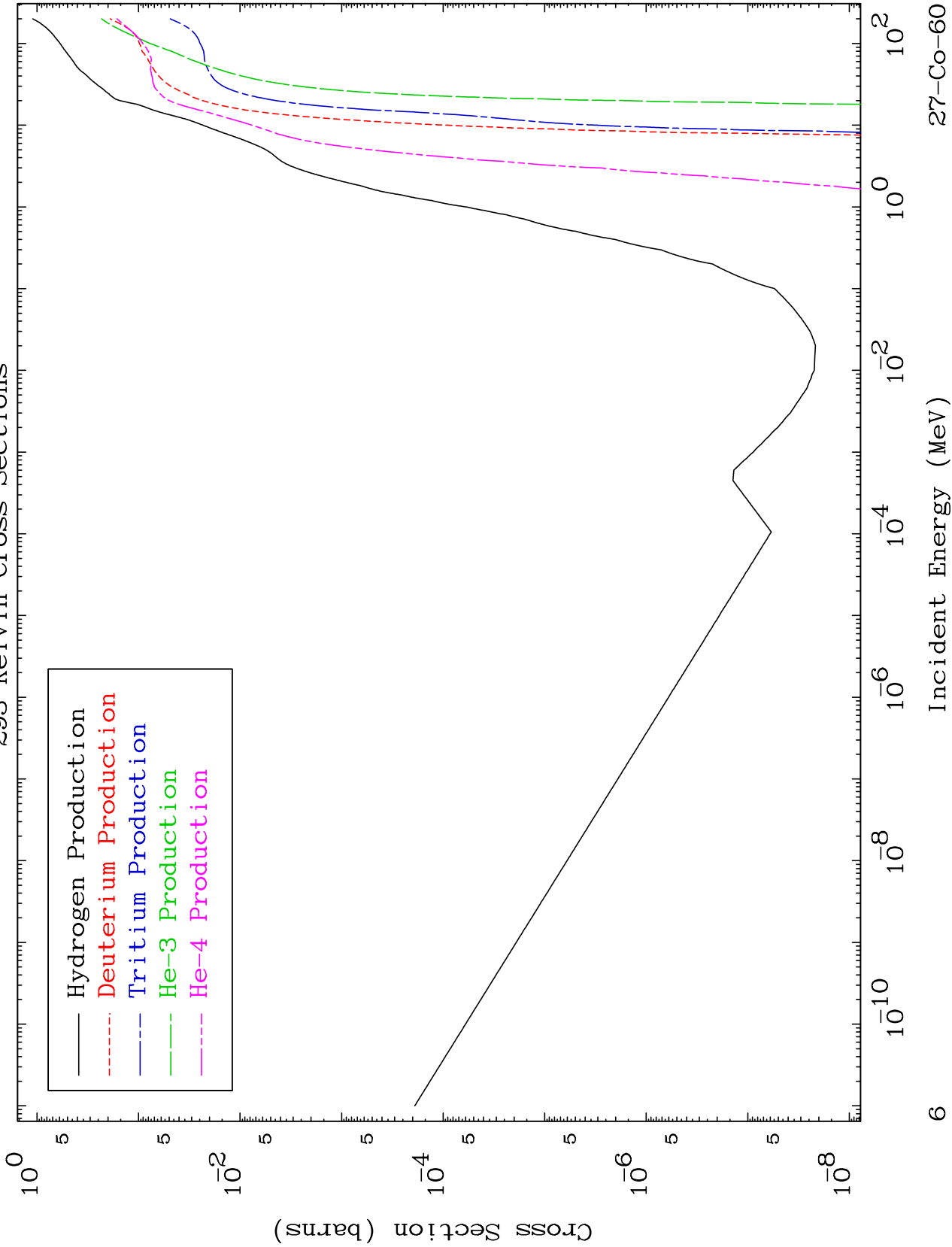
27-Co-60



MAT 2729

Particle Production  
293 Kelvin Cross Sections

27-Co-60



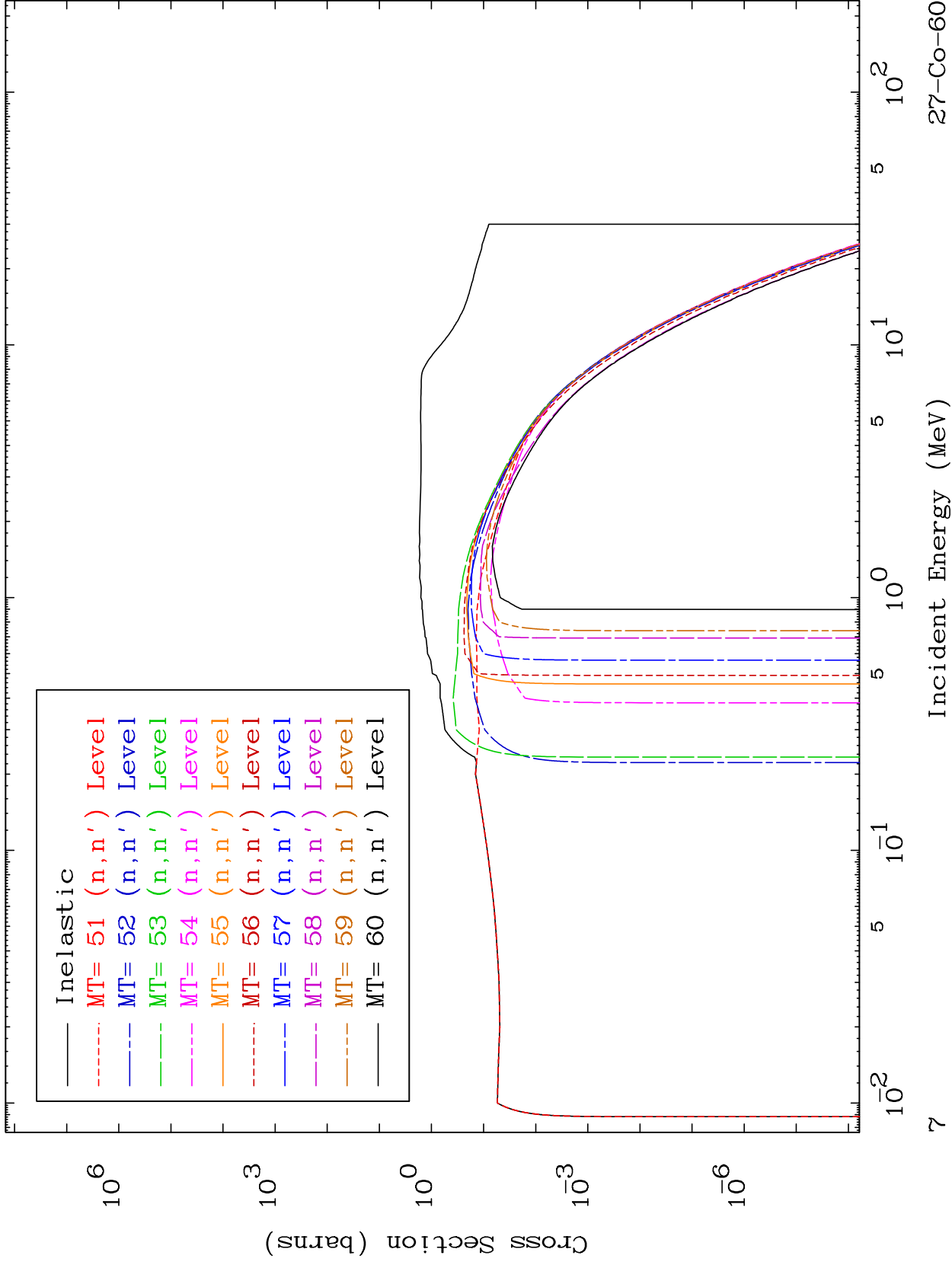
Legend:

- Hydrogen Production (solid black line)
- Deuterium Production (dashed red line)
- Tritium Production (dashed blue line)
- He-3 Production (dashed green line)
- He-4 Production (dashed magenta line)

MAT 2729

(n,n') Level  
293 Kelvin Cross Sections

27-Co-60



27-Co-60

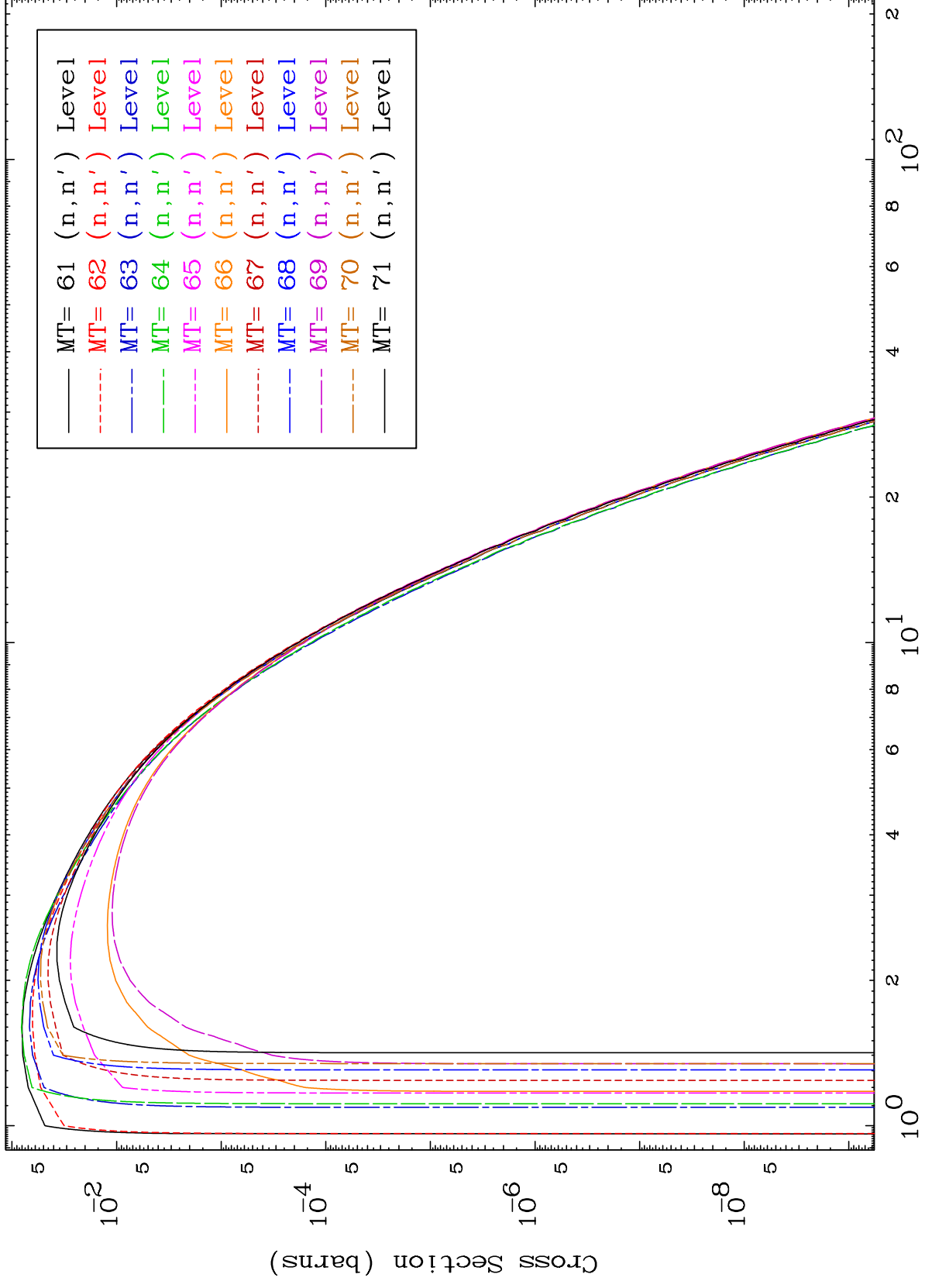


MAT 2729

(n,n') Level

27-Co-60

293 Kelvin Cross Sections



Incident Energy (MeV)

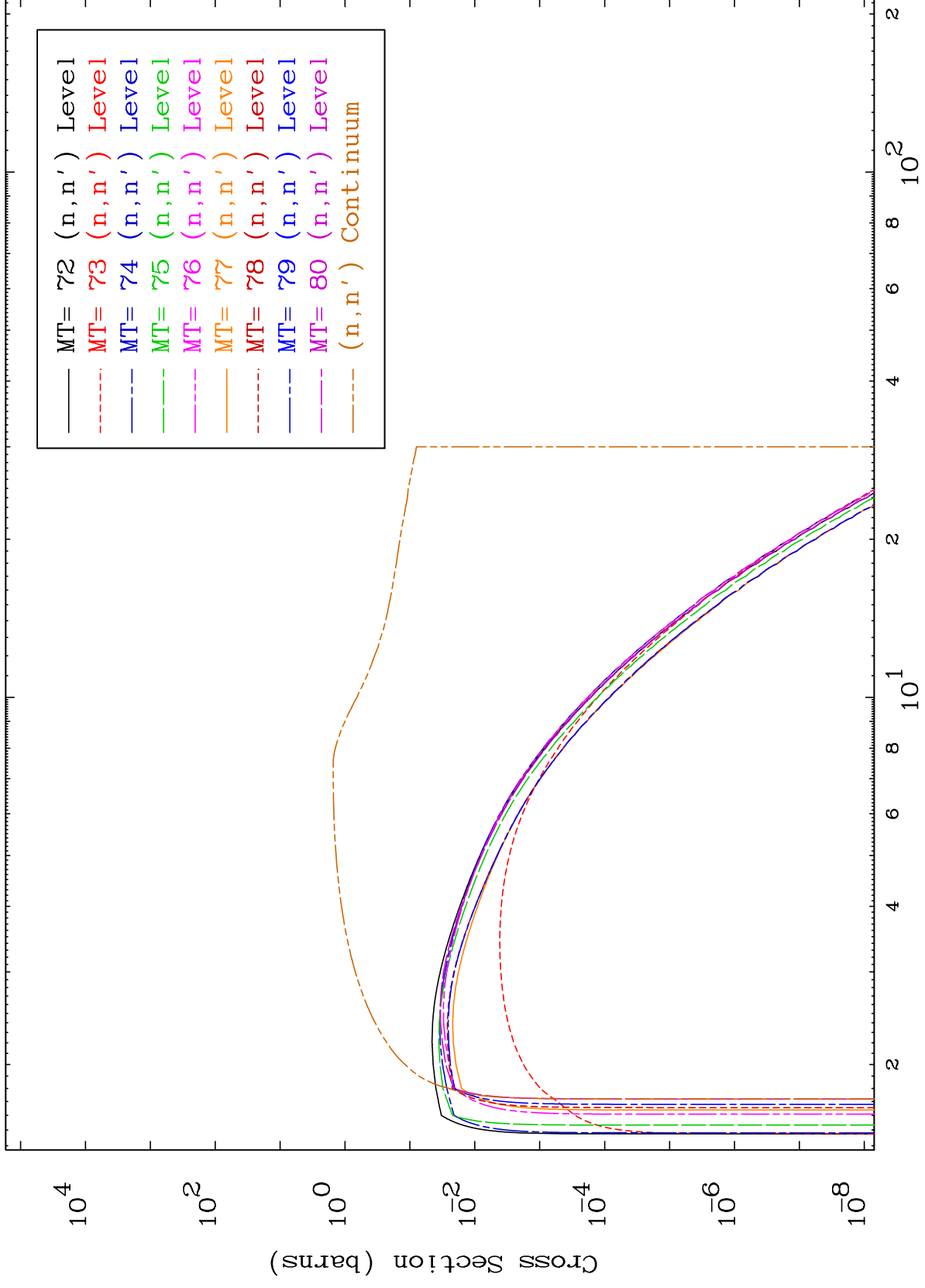
27-Co-60

MAT 2729

(n,n') Level

27-Co-60

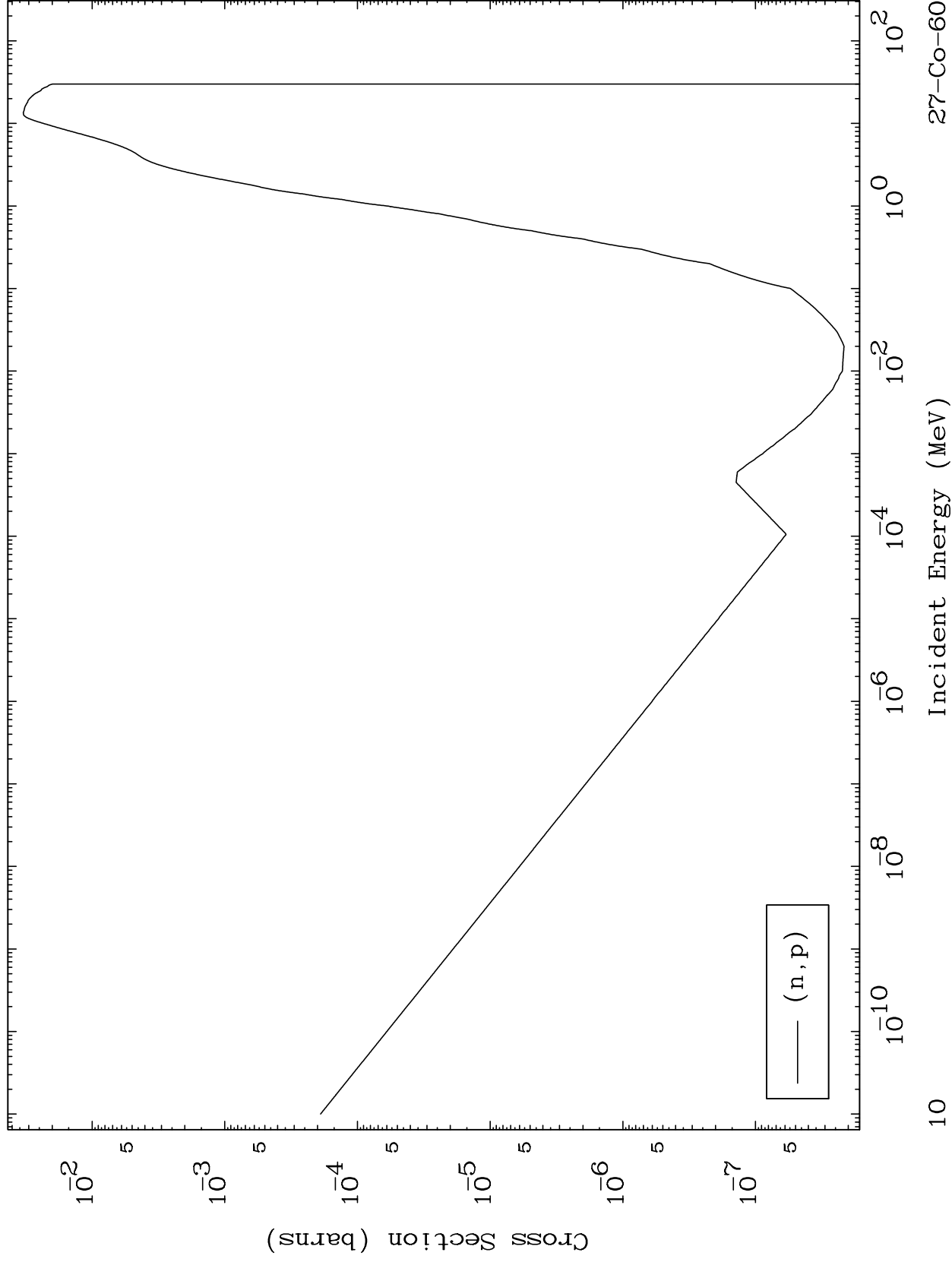
293 Kelvin Cross Sections



MAT 2729

(n,p) Levels  
293 Kelvin Cross Sections

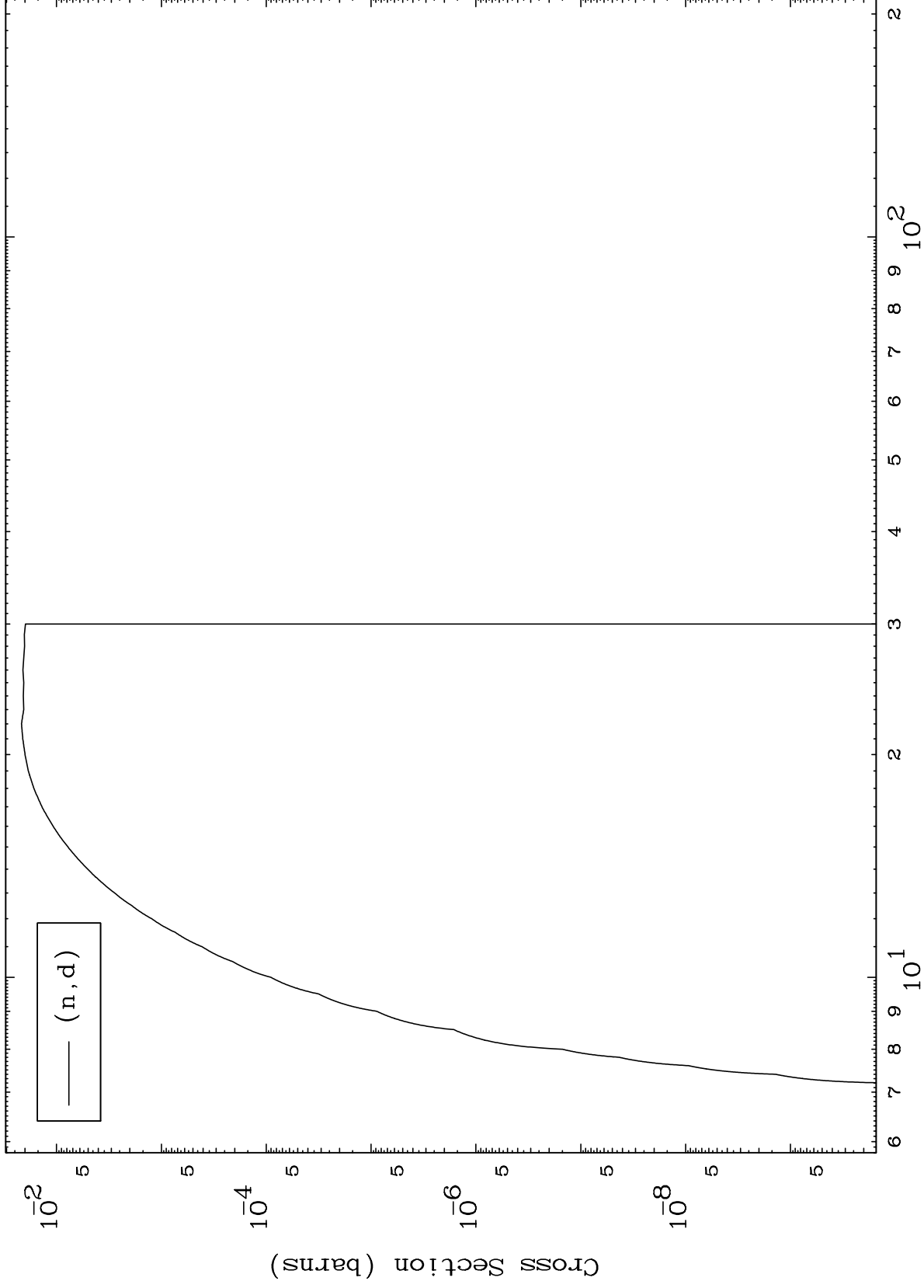
27-Co-60



MAT 2729

(n,d) Levels  
293 Kelvin Cross Sections

27-Co-60



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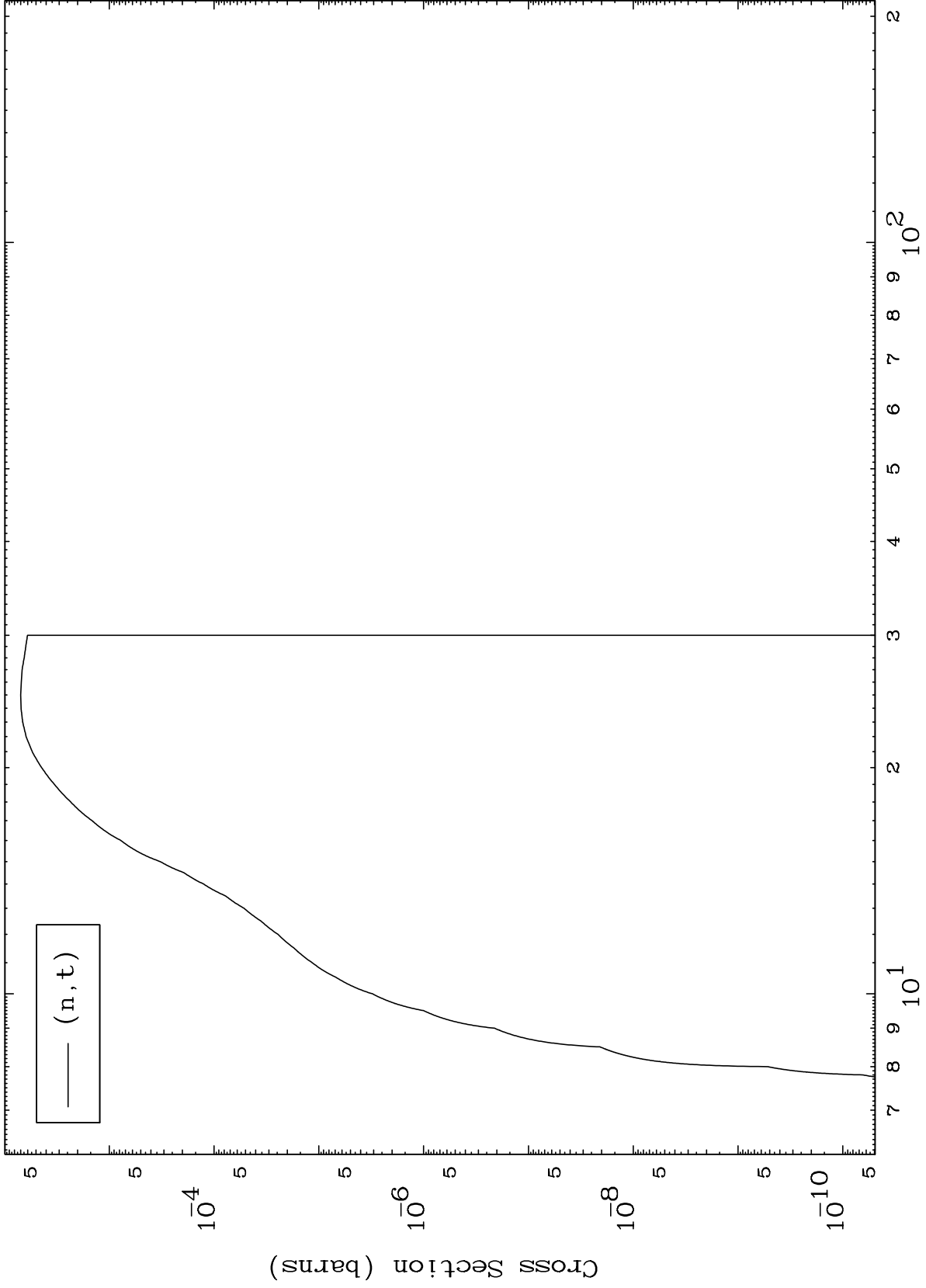
Incident Energy (MeV)

27-Co-60

MAT 2729

(n,t) Levels  
293 Kelvin Cross Sections

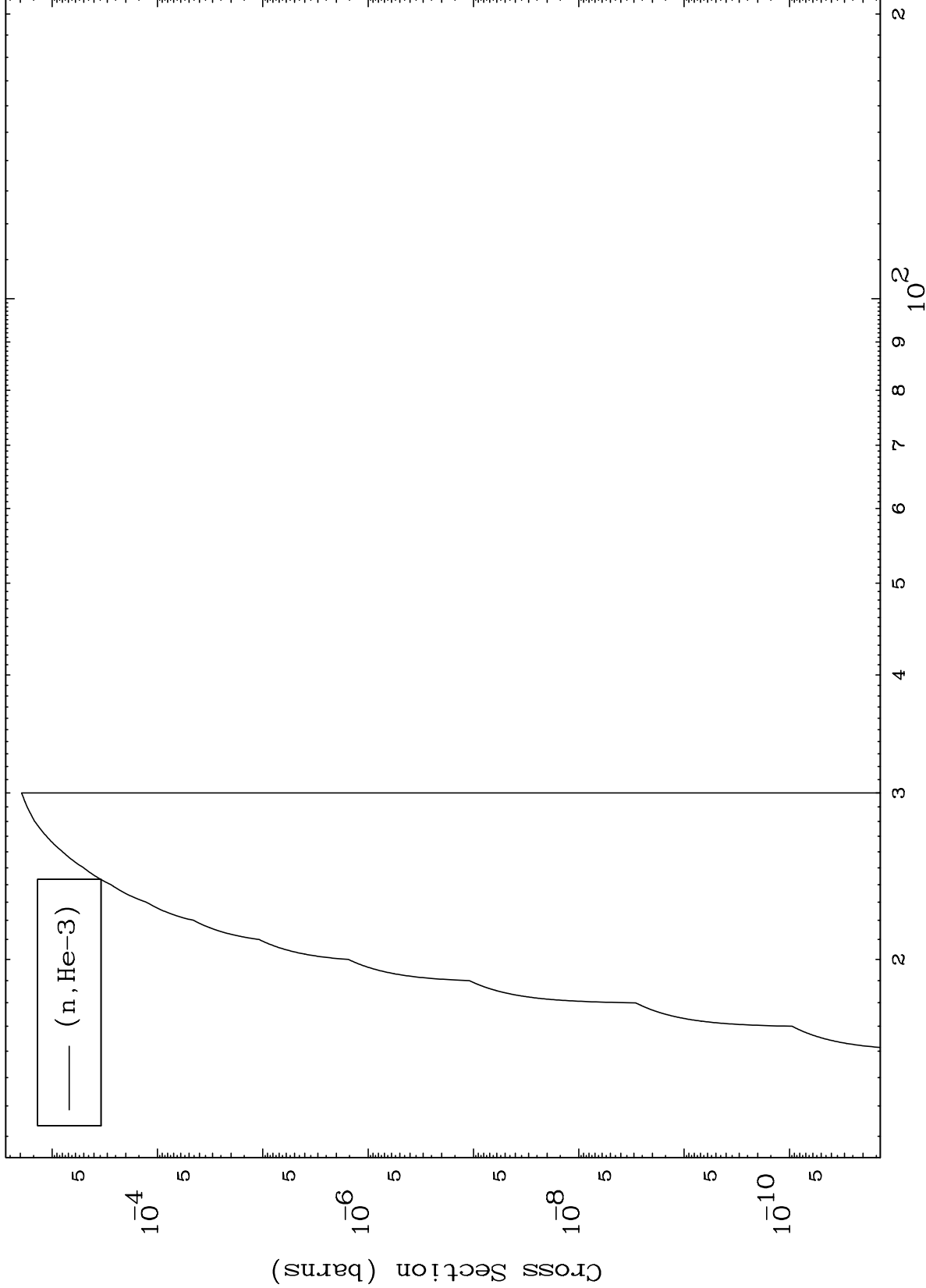
27-Co-60



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Incident Energy (MeV)

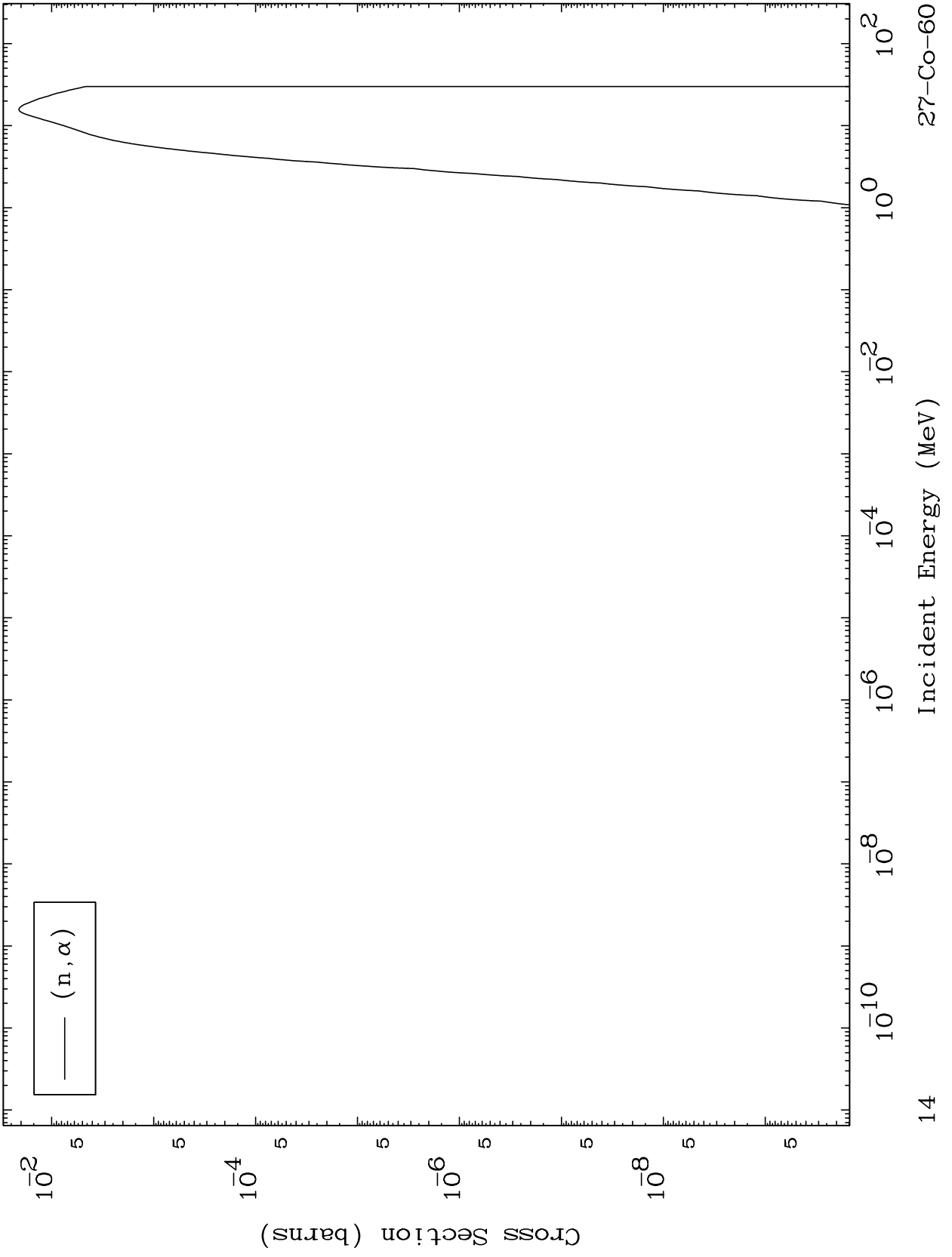
27-Co-60

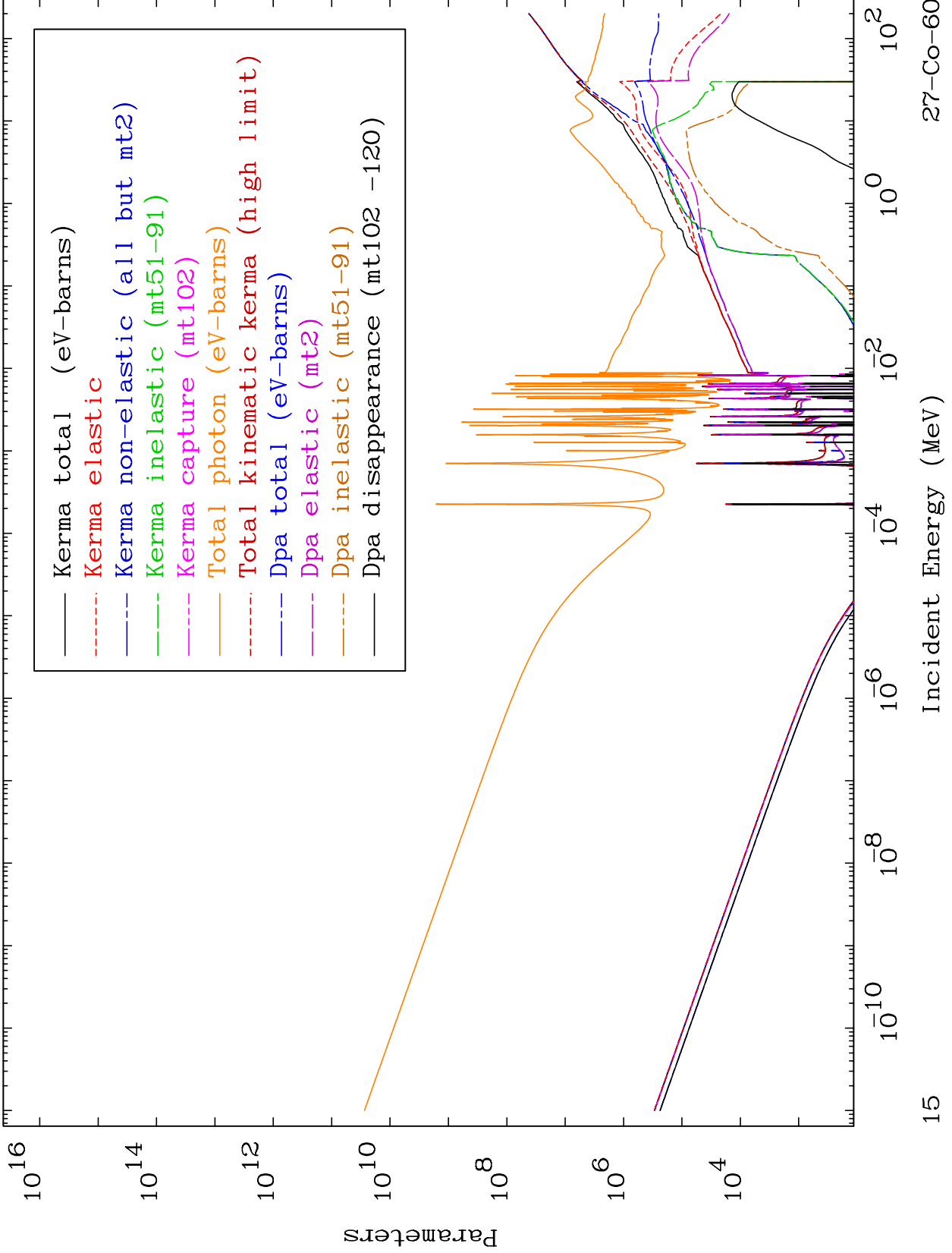


MAT 2729

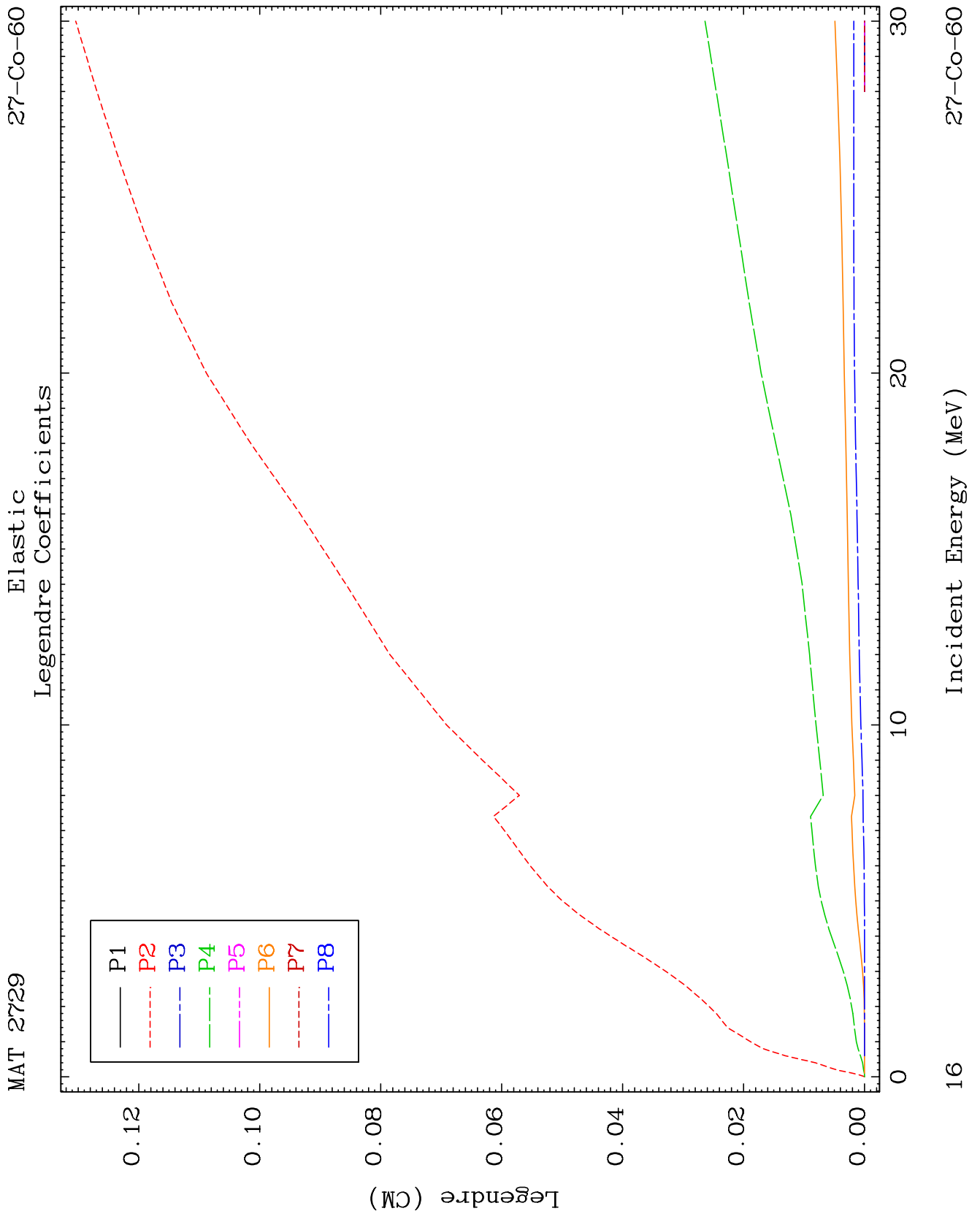
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

27-Co-60





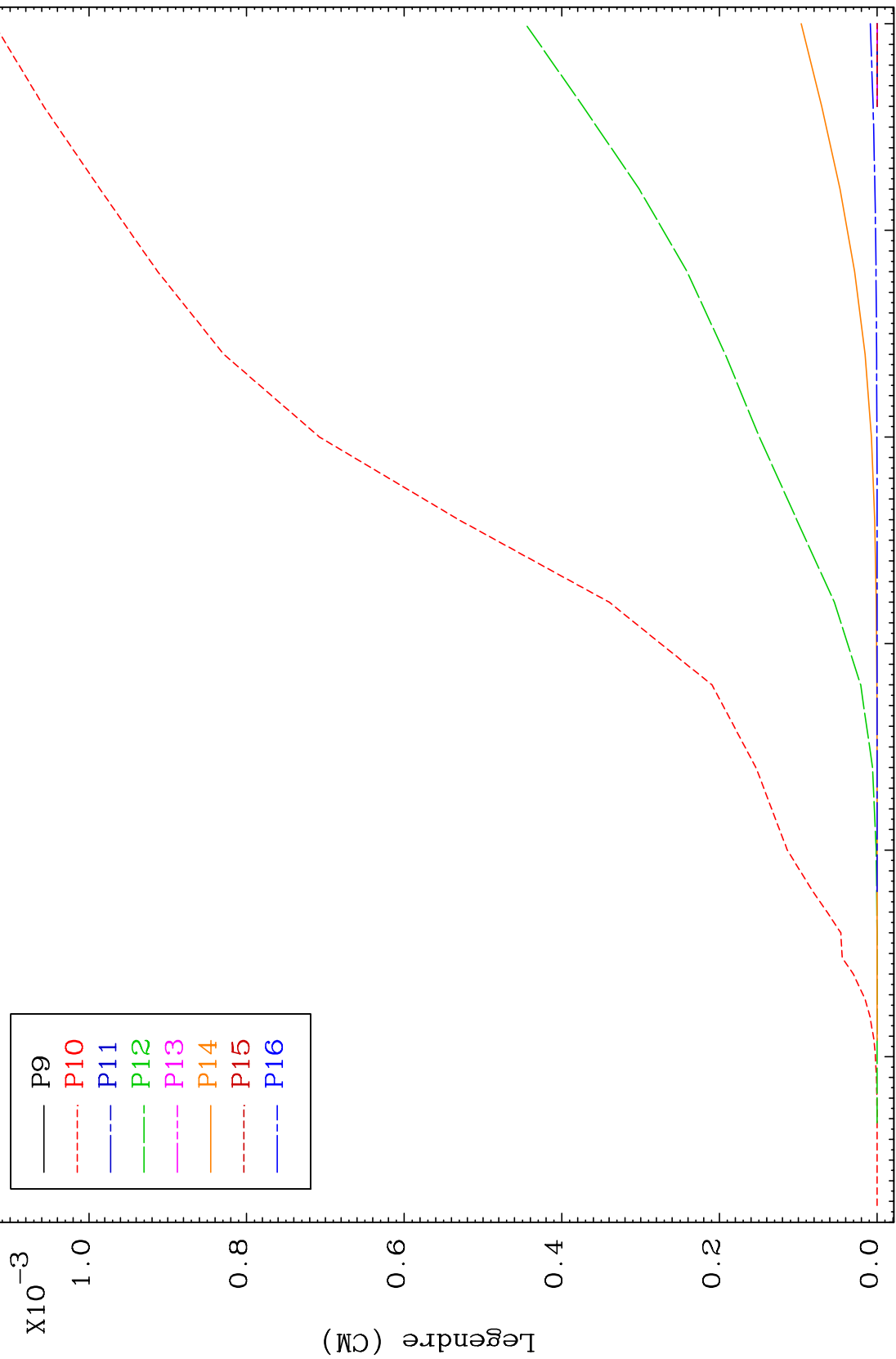
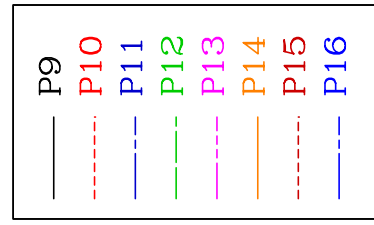




MAT 2729

Elastic Legendre Coefficients

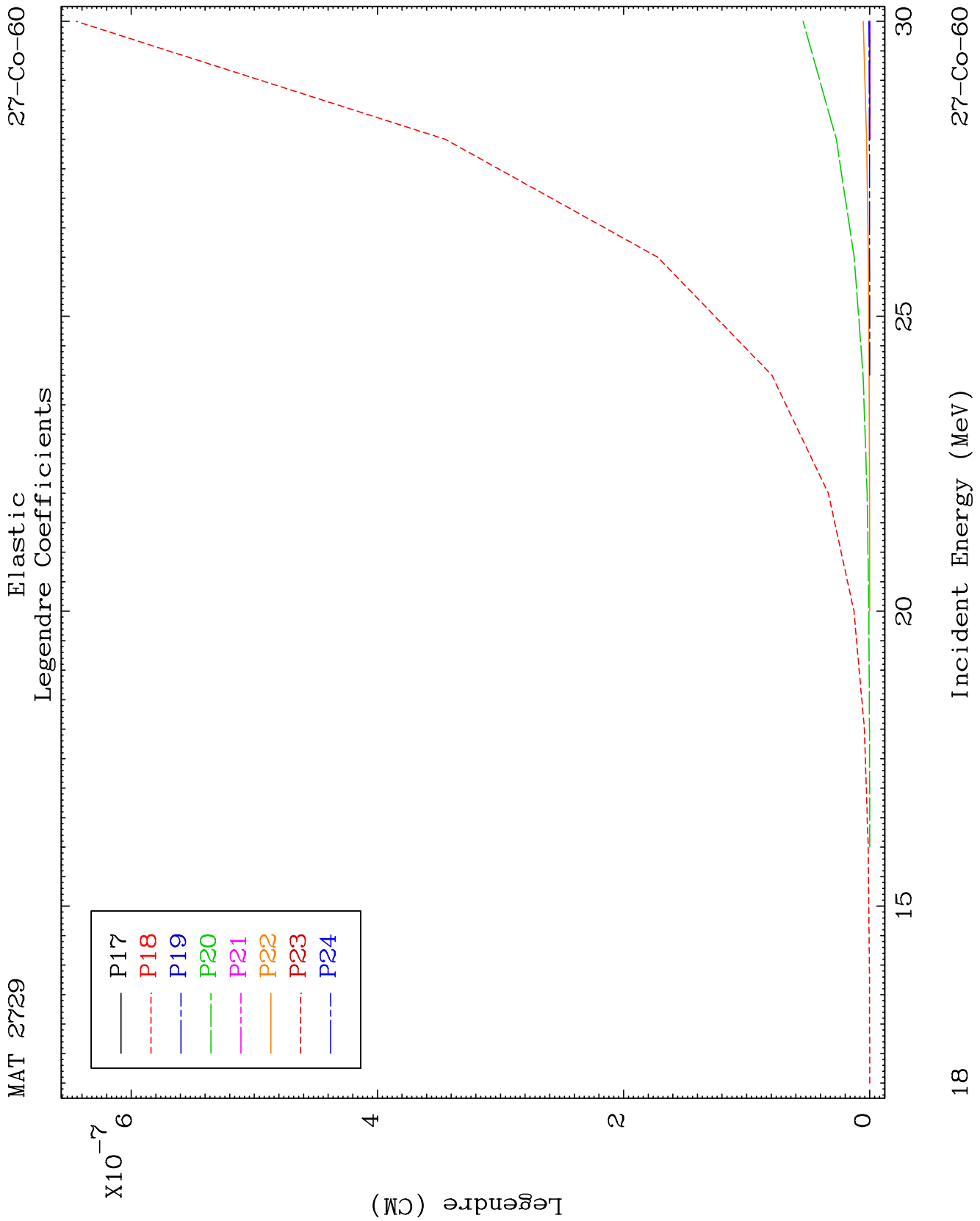
27-Co-60



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27-Co-60

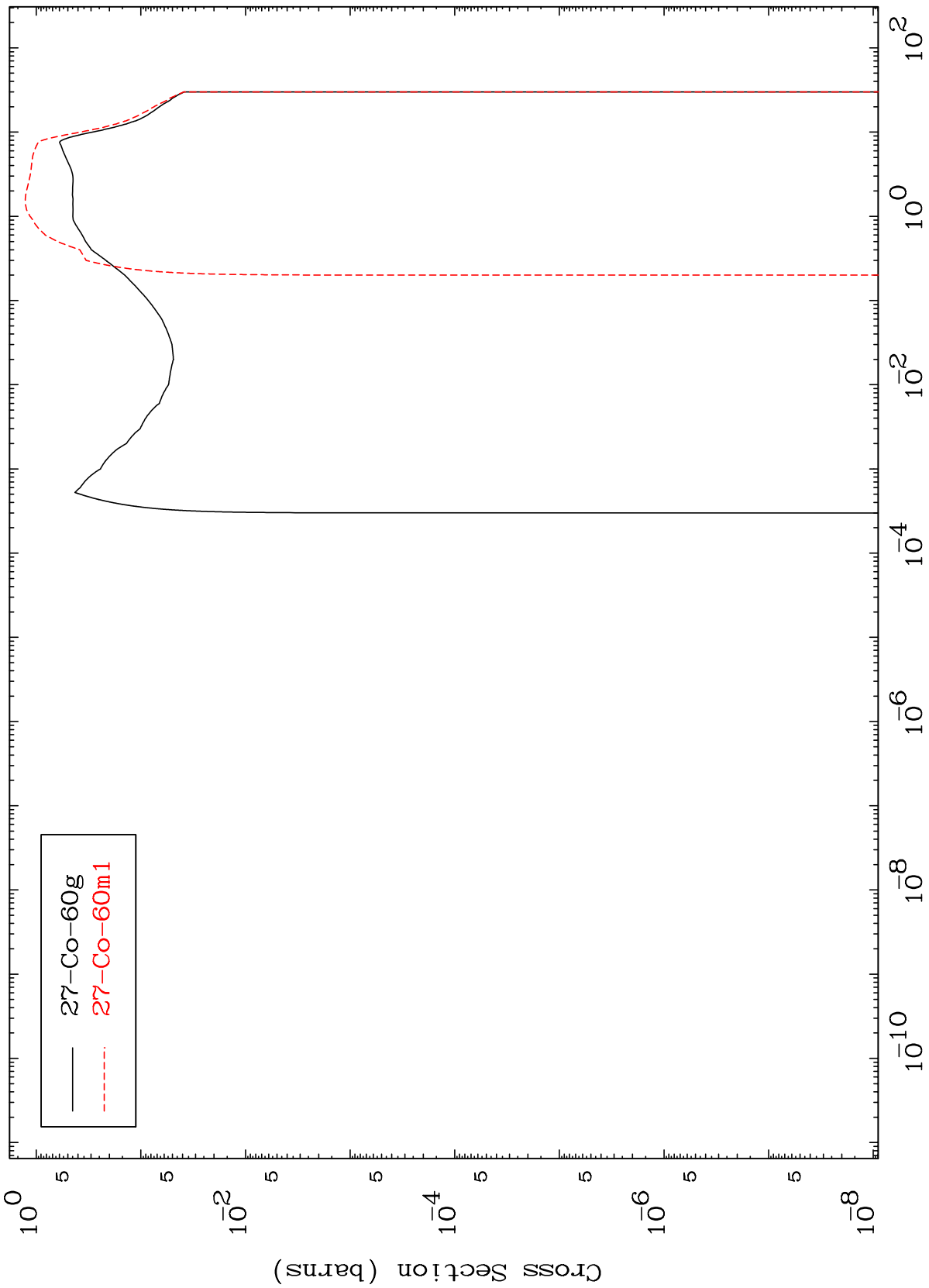
Incident Energy (MeV)



MAT 2729

27-Co-60

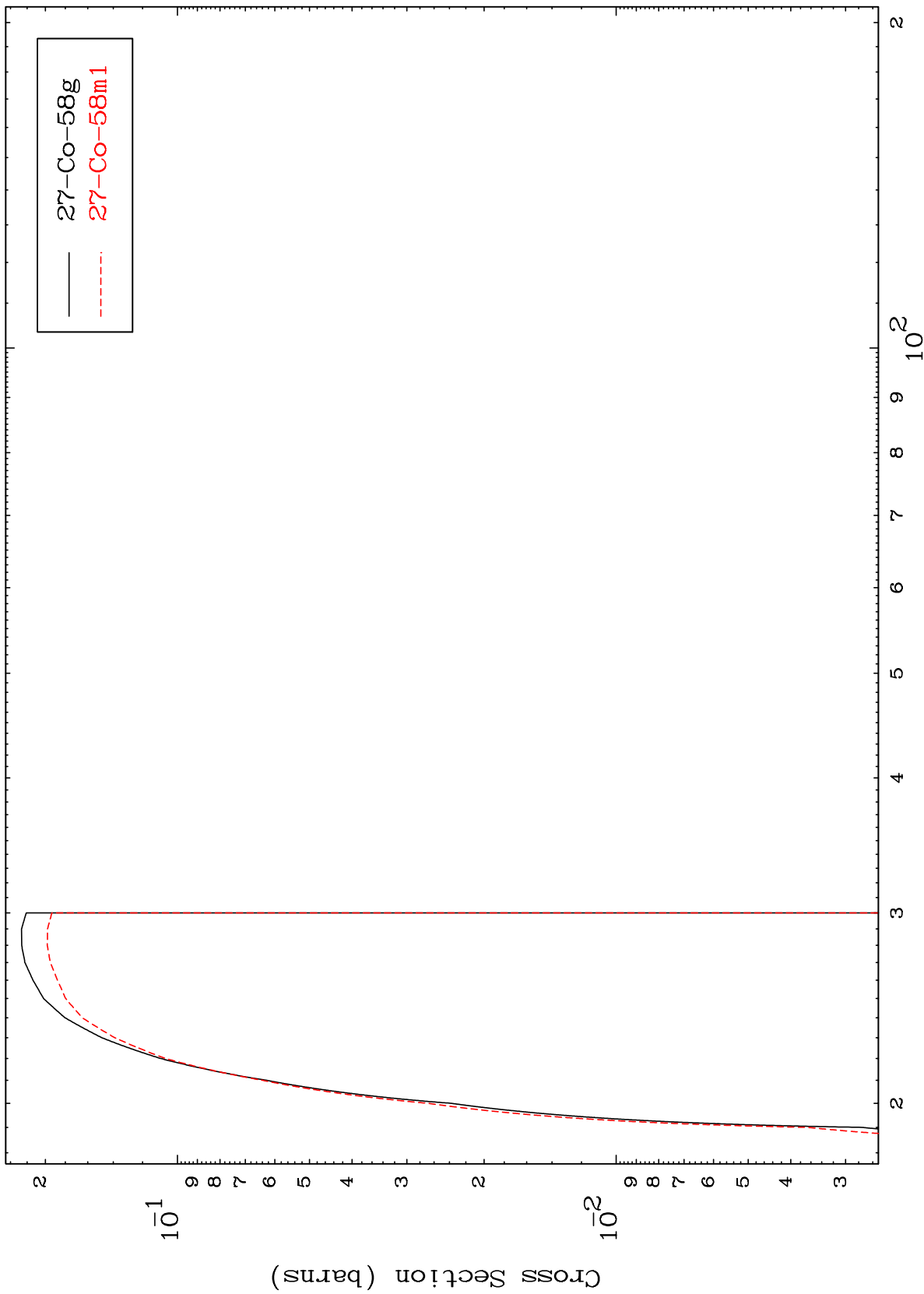
Inelastic  
Radionuclide Production Cross Section



MAT 2729

<sup>27</sup>Co-60

(n,3n)  
Radionuclide Production Cross Section



20

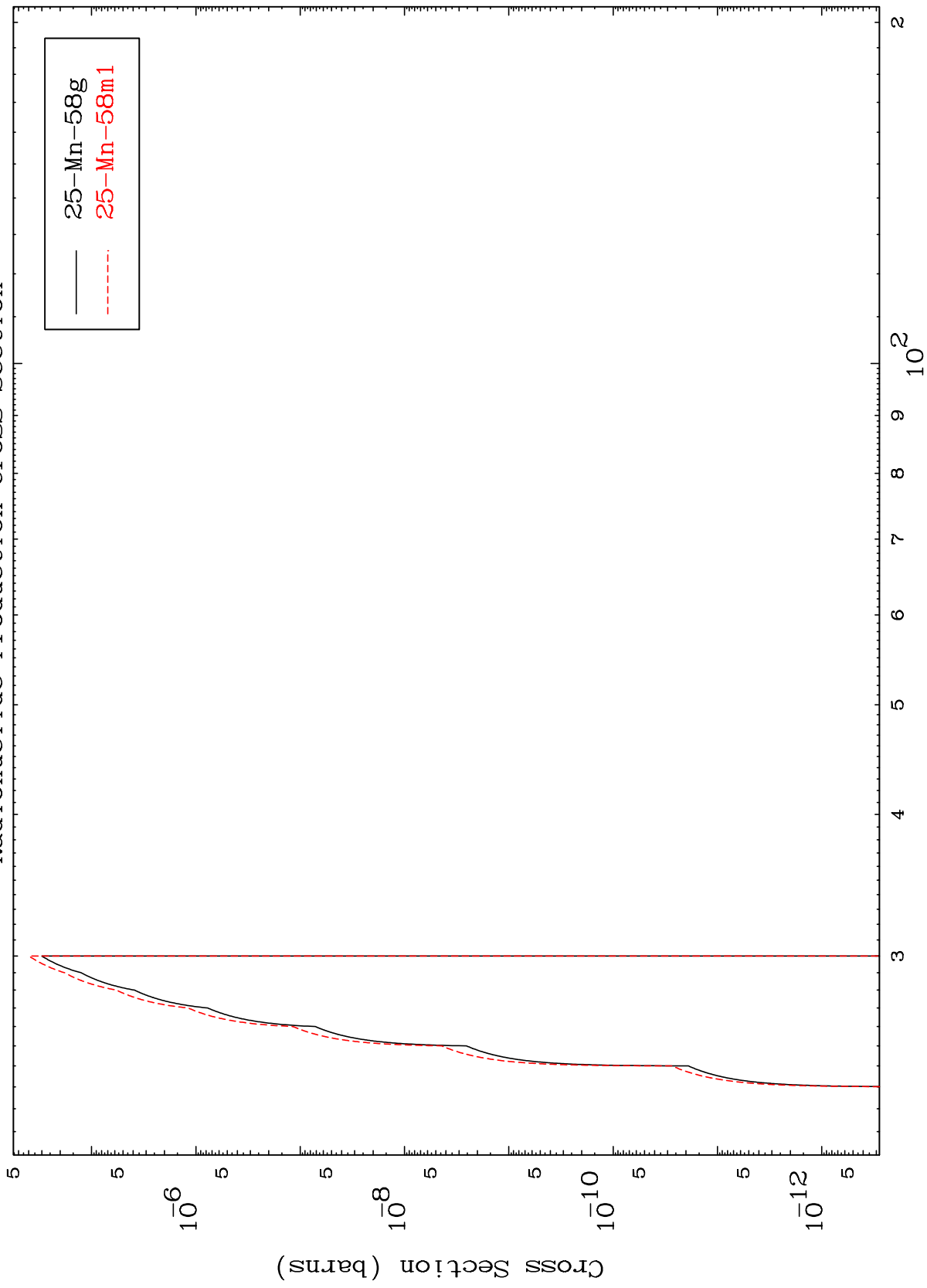
Incident Energy (MeV)

<sup>27</sup>Co-60

MAT 2729

27-Co-60

(n,2n) p  
Radionuclide Production Cross Section



21

27-Co-60

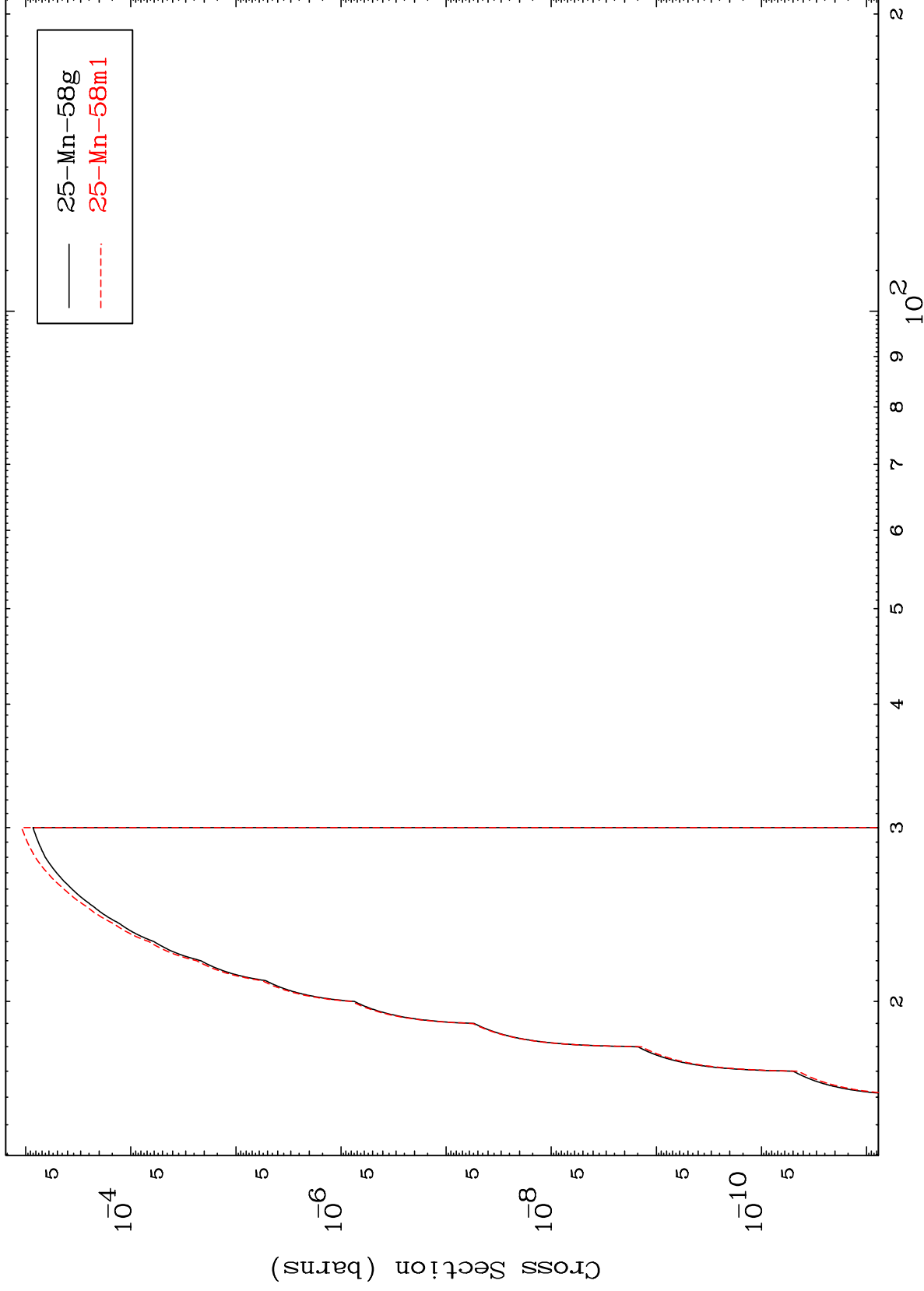
Incident Energy (MeV)

MAT 2729

(n,He-3)

27-Co-60

Radionuclide Production Cross Section



22

Incident Energy (MeV)

27-Co-60

Radionuclide Production Cross Section

